



CENTRAL
FLORIDA
EXPRESSWAY
AUTHORITY

CFX Industry Forum

January 19, 2023



Procurement Overview

Aneth Williams – Director of Procurement

Procurement Overview



Procurement Objectives

It is the mission of CFXs Procurement Department to promote public confidence in procedures the agency follows to procure goods and services.

01

Roadway & Bridge Construction

02

Facilities & Operations

03

Design Professional Services

04

Commodities & Contractual Services

Procurement Resources

Policies and Procedures

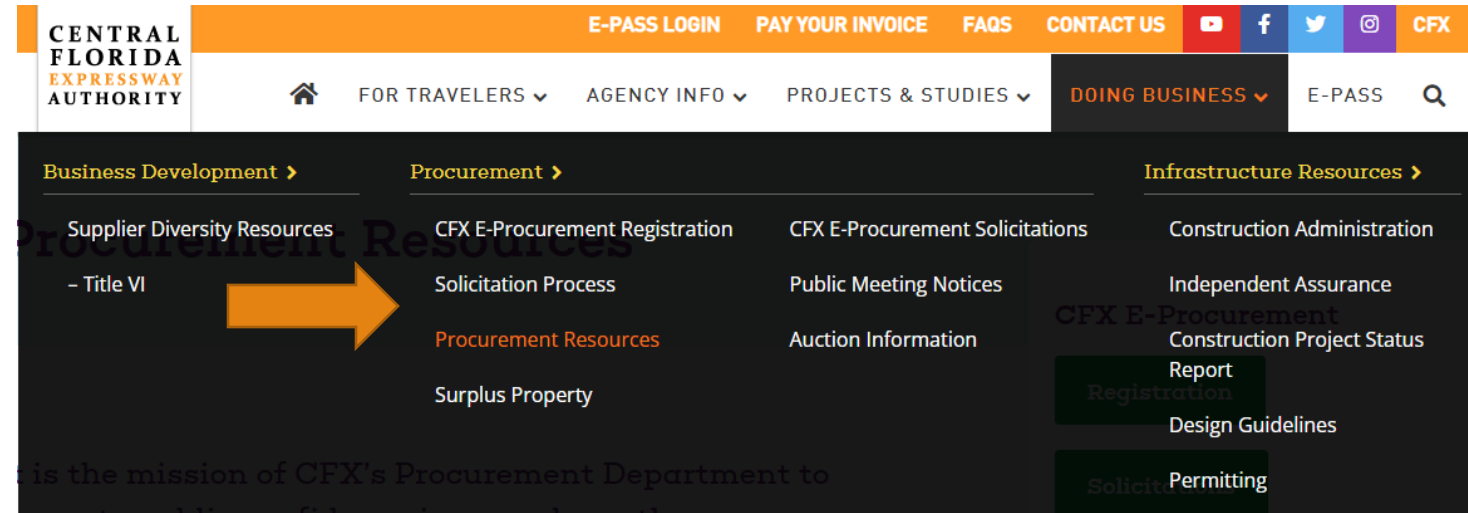
Governing rules, competitive procurement processes, contract amendments etc.

Vendor Registration

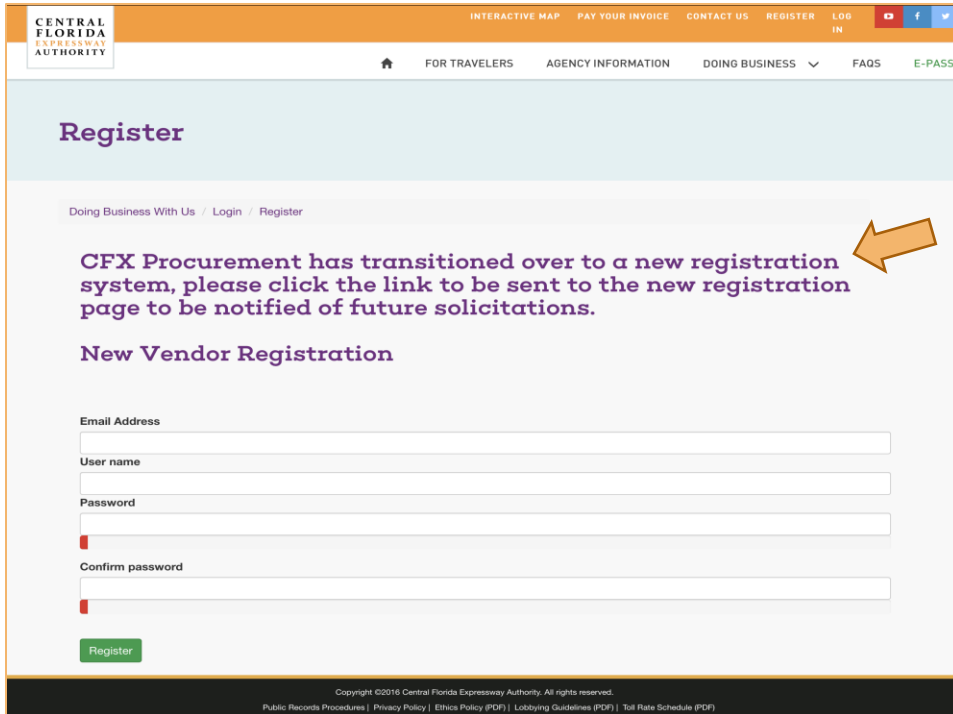
Access to Bid documents, Solicitations, Plan holders list, Advertisements, Bid results etc.

Resource Library

Public Meeting notices, Tax forms, Ethics policies, Records request, Auction information etc.



E-Procurement Registration



CENTRAL FLORIDA EXPRESSWAY AUTHORITY

INTERACTIVE MAP | PAY YOUR INVOICE | CONTACT US | REGISTER | LOG IN

FOR TRAVELERS | AGENCY INFORMATION | DOING BUSINESS | FAQS | E-PASS

Register

Doing Business With Us / Login / Register

CFX Procurement has transitioned over to a new registration system, please click the link to be sent to the new registration page to be notified of future solicitations.

New Vendor Registration

Email Address

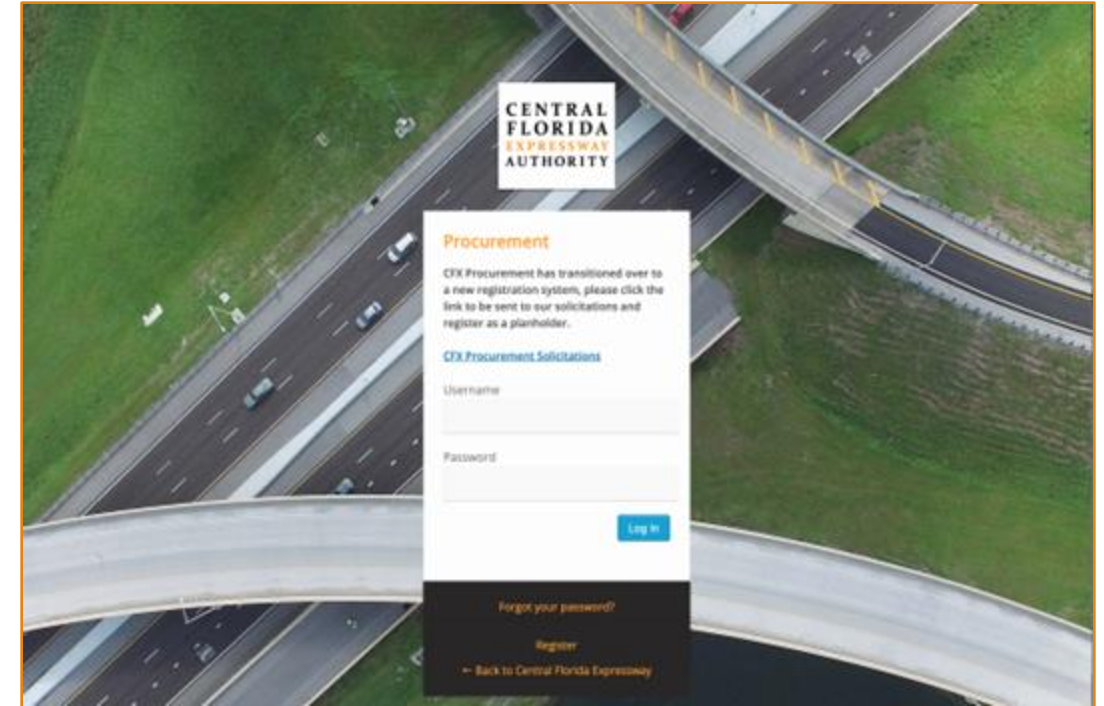
User name

Password

Confirm password

Register

Copyright ©2016 Central Florida Expressway Authority. All rights reserved.
Public Records Procedures | Privacy Policy | Ethics Policy (PDF) | Lobbying Guidelines (PDF) | Toll Rate Schedule (PDF)



CENTRAL FLORIDA EXPRESSWAY AUTHORITY

Procurement

CFX Procurement has transitioned over to a new registration system, please click the link to be sent to our solicitations and register as a planholder.

[CFX Procurement Solicitations](#)

Username

Password

Log In

[Forgot your password?](#)

[Register](#)

[Back to Central Florida Expressway](#)

CFX Procurement has transitioned over to a new registration system, please click the link to be sent to the new registration page to be notified of future solicitations.

Procurement E-Registration



- Access to vendor registration to complete company a profile for your business
- Enroll to receive solicitations and invitations to bids
- Account Management to update company information

And much more.....

A screenshot of the Central Florida Expressway Authority Vendor Registration System interface. The page has a white background with a blue header bar containing the "Registration" title. Below the header, a welcome message states: "Welcome to the Central Florida Expressway Authority Vendor Registration System. Central Florida Expressway Authority is pleased to offer a free, online vendor registration system, powered by Vendor Registry. Begin your registration by entering the information below and clicking 'Get Started.'" A blue button labeled "Get Started" is visible. Below this, a light blue banner asks: "Already have a Vendor Registry Profile? Log in to complete your registration with Central Florida Expressway Authority." The main registration form contains several input fields: "TITLE" (a dropdown menu with "-Select-" selected), "FIRST NAME *" (a text box with "First Name" placeholder), "LAST NAME *" (a text box with "Last Name" placeholder), "COMPANY NAME *" (a text box with "Company Name" placeholder), "DBA (DOING BUSINESS AS)" (a text box with "Doing Business As" placeholder), and "EMAIL ADDRESS *" (a text box with "Email Address" placeholder). A small note at the bottom of the form states: "This email address will be your username. An automatic email will be sent to this address for verification. Please use an email address you can easily access." On the right side of the form, there is a chat window for "Megan, Lee Ann, Keely" with the text "We typically reply in a few minutes" and a button that says "Have any questions? I'm happy to help." At the bottom right of the chat window is a "Write a message" input field and a blue arrow icon.

Central Florida Expressway Authority is pleased to offer a free, online vendor registration system, powered by Vendor Registry.

<https://www.cfxway.com>

Solicitations & Public Records

The CFX Procurement Policy identifies three methods to procure goods and services.



Competitive Sealed Bids




Competitive Sealed Proposals



Selection of Design Professional Consultants

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FLORIDA
EXPRESSWAY
AUTHORITY

powered by  Vendor Registry

Solicitations From Central Florida Expressway Authority

Current

Expired

No Deadline

Register your business with us to be on our vendor list. This ensures that you are set up and ready to bid when the opportunity arises.

REGISTER MY BUSINESS

Print Results

Type	Description	Status	ID #	Deadline	Pre-Bid Meeting	Docs
Sealed Solicitation	CEI SERVICES FOR SR 417 WIDENING BOGGY CREEK TO NARCOOSSEE; PROJECT NO. 417-151	Open	LOI 001750	2/9/2021 1:30 PM		1
Sealed Solicitation	DESIGN SERVICES FOR SR 528 WIDENING FROM GOLDENROD ROAD TO NARCOOSSEE ROAD	Open	LOI 001742	1/4/2021 1:30 PM		1
Quote	TREASURY CUSTODY SERVICES	Open	RFQ21002	12/16/2020 12:00 PM		2

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Questions?



Aneth Williams

CFX Director of Procurement

Aneth.Williams@cfxway.com



Supplier Diversity Program Overview

Iranetta Dennis – Director of Supplier Diversity



Who Participates



D/M/WBE Program

Firms certified by:

- City of Orlando
- Orange County
- FDOT



SSBE Program

Companies are registered with CFX as a SSBE firm



DBE Program

Firms certified by Florida Unified Certification Program

CFX FY22 & 23 D/M/WBE Contract Award


Fiscal Year	Total Award Amount	Total Minority Award Amount	Percentage of Utilization
2022	\$736,231,256	\$125,728,427	15%
2023	\$96,829,944	\$19,778,312	20%

Business Diversity Management System

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AUTHORITY


BACK TO CFXWAY.COM

CONTACT SUPPORT



Business Diversity Management System

[Log In](#)



Online Small Sustainable Business Enterprise Directory

[Apply for / Renew SSBE Registration](#)

[Search Registered Directory](#)

Account Access

Lookup vendor accounts or reset user passwords

[Account Lookup](#)

[Forgot Password](#)

System Training

Learn how to fully utilize our system with a live trainer

[Training](#)

Outreach & Events

Opportunities for vendor involvement

[View Outreach Opportunities](#)

[Events](#)

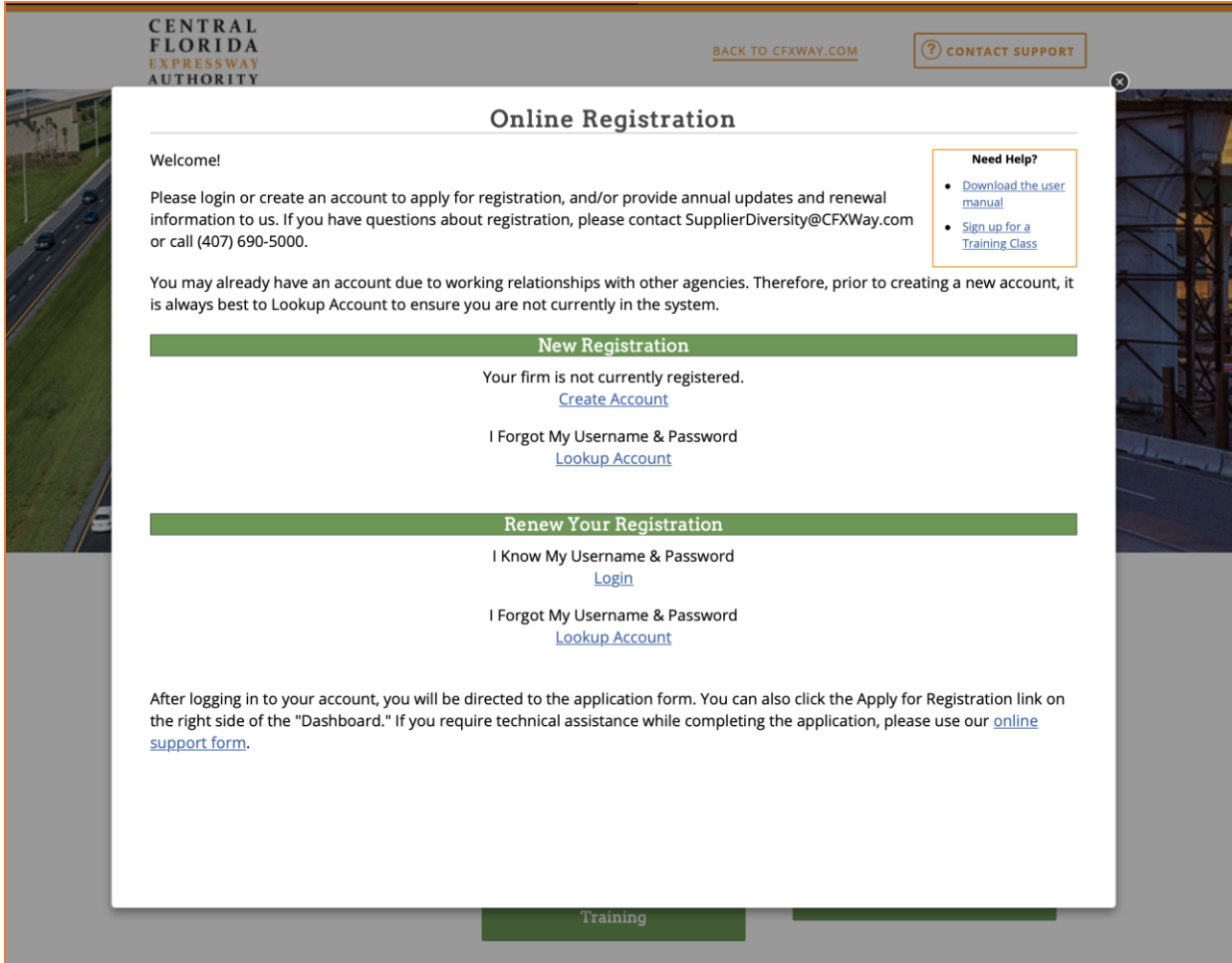
About the System

Learn more about using this system to do business with CFX

[Information for Vendors](#)

The Business Diversity Management System is powered by B2Gnow Software © Copyright 2020.

Online Small Sustainable Business Enterprise Directory (SSBE)



The screenshot shows the 'Online Registration' page of the Central Florida Expressway Authority. The page has a header with the authority's name, a 'BACK TO CFXWAY.COM' link, and a 'CONTACT SUPPORT' button. The main content area is titled 'Online Registration' and includes a 'Welcome!' message, login instructions, and a 'Need Help?' section with links to a user manual and a training class. Below this, there are two main sections: 'New Registration' and 'Renew Your Registration'. The 'New Registration' section includes a green bar, a message that the firm is not currently registered, a 'Create Account' link, and a 'Lookup Account' link. The 'Renew Your Registration' section includes a green bar, a 'Login' link, and a 'Lookup Account' link. At the bottom, there is a 'Training' button.

CENTRAL FLORIDA EXPRESSWAY AUTHORITY

[BACK TO CFXWAY.COM](#) [CONTACT SUPPORT](#)

Online Registration

Welcome!

Please login or create an account to apply for registration, and/or provide annual updates and renewal information to us. If you have questions about registration, please contact SupplierDiversity@CFXWay.com or call (407) 690-5000.

You may already have an account due to working relationships with other agencies. Therefore, prior to creating a new account, it is always best to Lookup Account to ensure you are not currently in the system.

Need Help?

- [Download the user manual](#)
- [Sign up for a Training Class](#)

New Registration

Your firm is not currently registered.

[Create Account](#)

I Forgot My Username & Password

[Lookup Account](#)

Renew Your Registration

I Know My Username & Password

[Login](#)

I Forgot My Username & Password

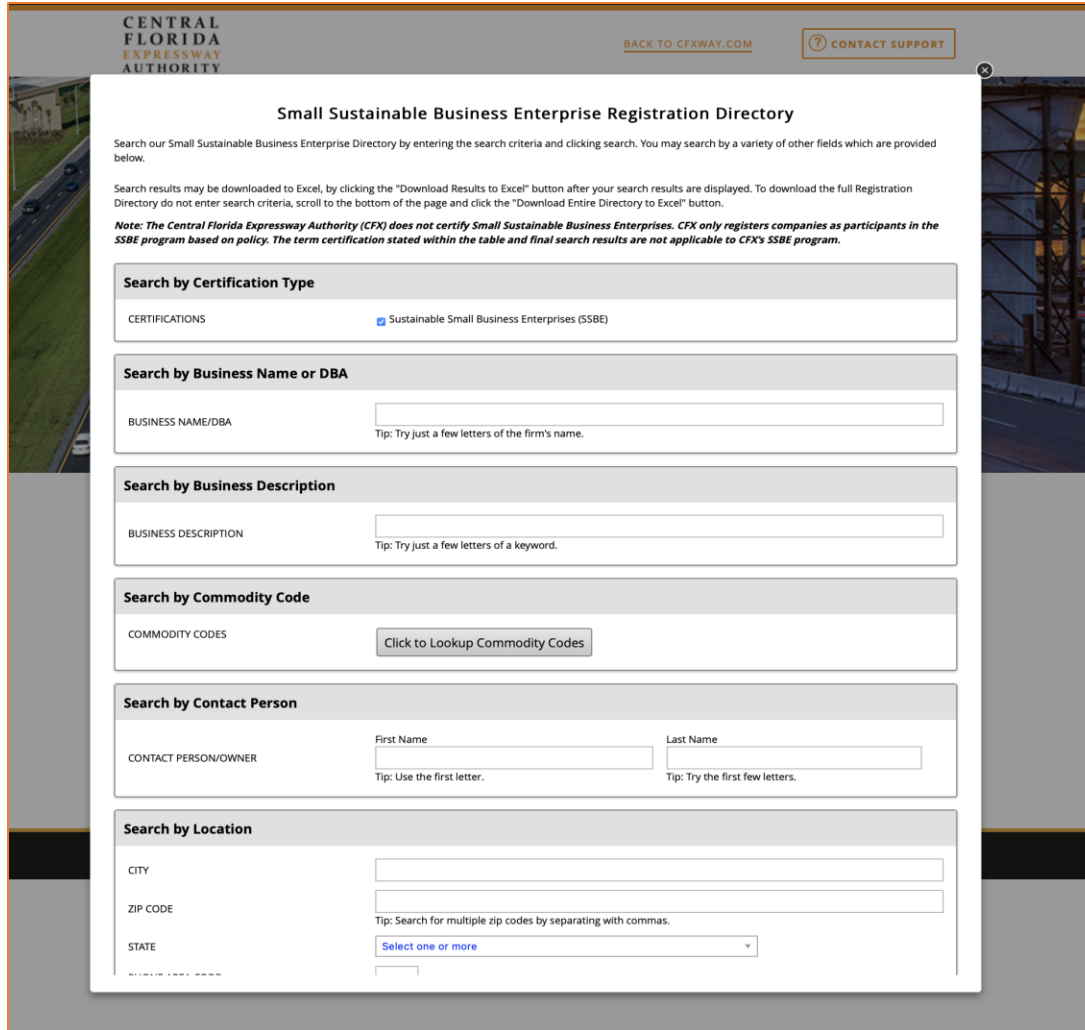
[Lookup Account](#)

After logging in to your account, you will be directed to the application form. You can also click the Apply for Registration link on the right side of the "Dashboard." If you require technical assistance while completing the application, please use our [online support form](#).

[Training](#)

- Apply for SSBE Registration
- Renew Your Registration
- Online Support

Online Small Sustainable Business Enterprise Directory (SSBE)



CENTRAL FLORIDA EXPRESSWAY AUTHORITY

[BACK TO CFXWAY.COM](#) [CONTACT SUPPORT](#)

Small Sustainable Business Enterprise Registration Directory

Search our Small Sustainable Business Enterprise Directory by entering the search criteria and clicking search. You may search by a variety of other fields which are provided below.

Search results may be downloaded to Excel, by clicking the "Download Results to Excel" button after your search results are displayed. To download the full Registration Directory do not enter search criteria, scroll to the bottom of the page and click the "Download Entire Directory to Excel" button.

Note: The Central Florida Expressway Authority (CFX) does not certify Small Sustainable Business Enterprises. CFX only registers companies as participants in the SSBE program based on policy. The term certification stated within the table and final search results are not applicable to CFX's SSBE program.

Search by Certification Type

CERTIFICATIONS ☒ Sustainable Small Business Enterprises (SSBE)

Search by Business Name or DBA

BUSINESS NAME/DBA

Tip: Try just a few letters of the firm's name.

Search by Business Description

BUSINESS DESCRIPTION

Tip: Try just a few letters of a keyword.

Search by Commodity Code

COMMODITY CODES [Click to Lookup Commodity Codes](#)

Search by Contact Person

CONTACT PERSON/OWNER

First Name Last Name

Tip: Use the first letter. Tip: Try the first few letters.

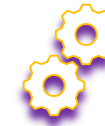
Search by Location

CITY

ZIP CODE

Tip: Search for multiple zip codes by separating with commas.

STATE [Select one or more](#)



Search Criteria Types

- Certification
- Business Name or DBA
- Business Description
- Commodity Code
- Contact Person
- Location

Questions?



Iranetta Dennis

CFX Director of Supplier Diversity

Iranetta.Dennis@cfxway.com



Engineering Overview

David Falk, P.E. – Engineering Project Manager

Design Team Requirements

Prime Firm Requirements:

- Prime executes at least 55% of the contract
- Utilize D/M/WBE Firms
 - 0 – 12 Points on Letters of Interest (LOI) scoring

Key Local Resources:

- Prime Project Manager
- Roadway Lead
- Drainage Lead



FY 2023-2027 Work Plan

Project Cost Summary (\$000's) Category	Fiscal Year					Totals
	2023	2024	2025	2026	2027	
Existing System Improvements	453,933	303,515	182,331	116,036	62,138	1,117,953
System Expansion Projects	76,007	313,884	551,582	747,958	644,941	2,334,372
Interchange Projects	11,743	28,891	47,408	71,840	80,070	239,952
Facilities Projects	15,023	14,278	18,949	10,210	8,850	67,310
Transportation Technology Projects	10,506	17,943	3,743	1,291	4,471	37,954
Information Technology Projects	29,050	10,206	13,203	2,420	2,420	57,299
Signing and Pavement Markings	9,570	13,087	2,011	4,211	2,529	31,408
Renewal and Replacement Projects	30,101	31,898	12,983	21,930	34,059	130,971
Landscape Projects	80	1,463	1,418	109	1,478	4,548
Non-System Projects	24	350	252	3,104	171	3,901
TOTALS	636,037	735,515	833,880	979,109	841,127	4,025,668

Upcoming Design Projects

Binion Road Interchange

- SR 429 and Binion Road

Dallas Boulevard Interchange

- SR 528 and Dallas Boulevard

SR 408 Widenings (2 Projects)

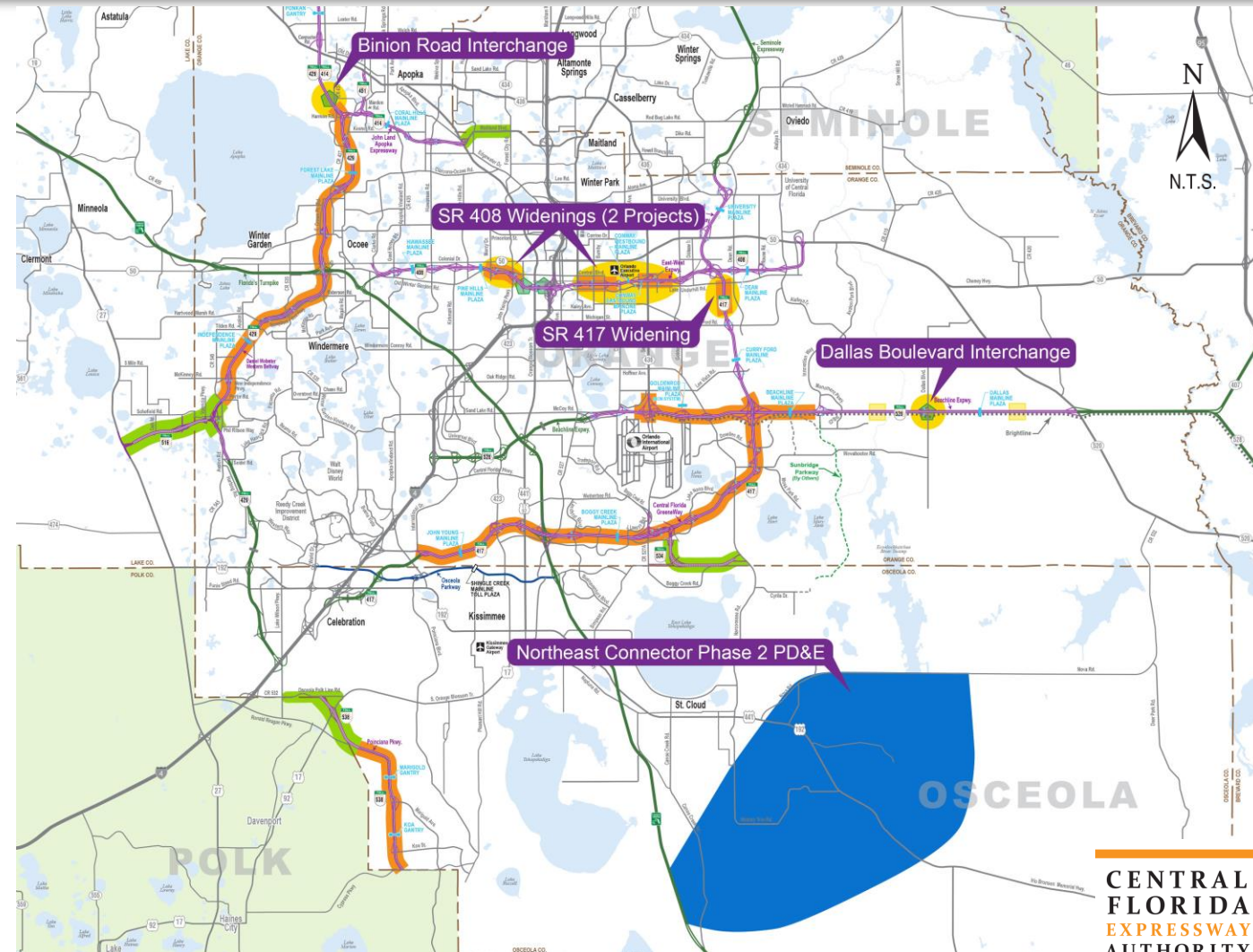
- Kirkman Road to Church Street
- Mills Avenue to Bumby Avenue and SR 436 to Goldenrod Road (WB)

SR 417 Widening

- Curry Ford Road to Lake Underhill Road

Northeast Connector Phase 2 PD&E

- Florida's Turnpike to Nova Road



SR 429 & Binion Road Interchange – 429-309

North of Binion Road Bridge to South of Lust Road Bridge

Planning Phase Now

- Requested by City of Apopka

Advertisement

- February 2023

Design Fee Estimate

- \$1.9 Million

Calendar year quarters (dates subject to change)



SR 528 & Dallas Boulevard Interchange – 528-307

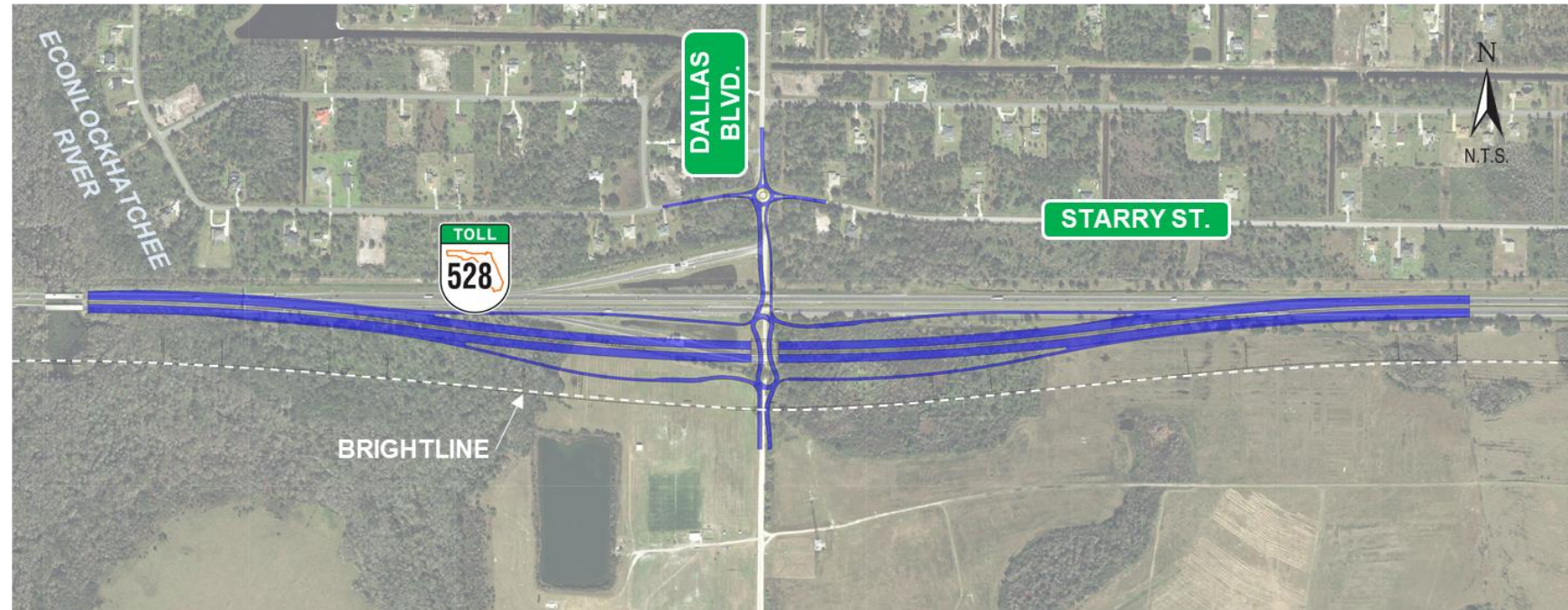
East of Econ River Bridge to East of Dallas Boulevard

Planning Phase Now Advertisement

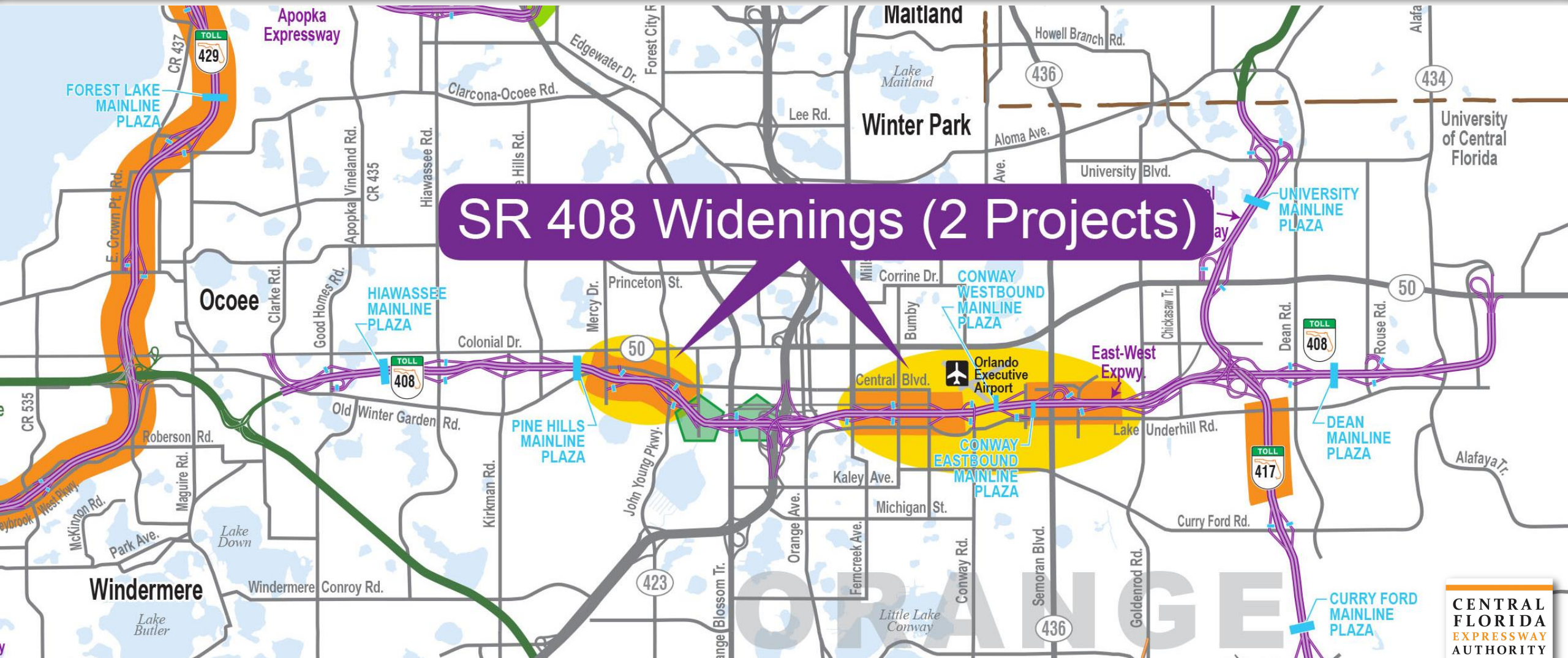
- 2nd Quarter 2023

Design Fee Estimate

- \$5 Million



SR 408 Widening (2 Projects)



SR 408 Widening – 408-174

East of Pine Hills Plaza to East of Church Street EB

Planning Phase Now

- Studying both East/West Directions
- 4th Through Lane EB
- Possible WB Through Lane

Advertisement

- 2nd Quarter 2023

Design Fee Estimate

- \$3.7 million



Calendar year quarters (dates subject to change)

SR 408 Widening – 408-175

I-4 to Bumby Avenue & West of SR 436 to Goldenrod Road WB

Planning Phase Now

- WB Direction Only

Advertisement

- 3rd Quarter 2023

Design Fee Estimate

- \$2.3 million

Calendar year quarters (dates subject to change)



SR 417 Widening – 417-178

Curry Ford Road to Lake Underhill Road

Planning Phase Now

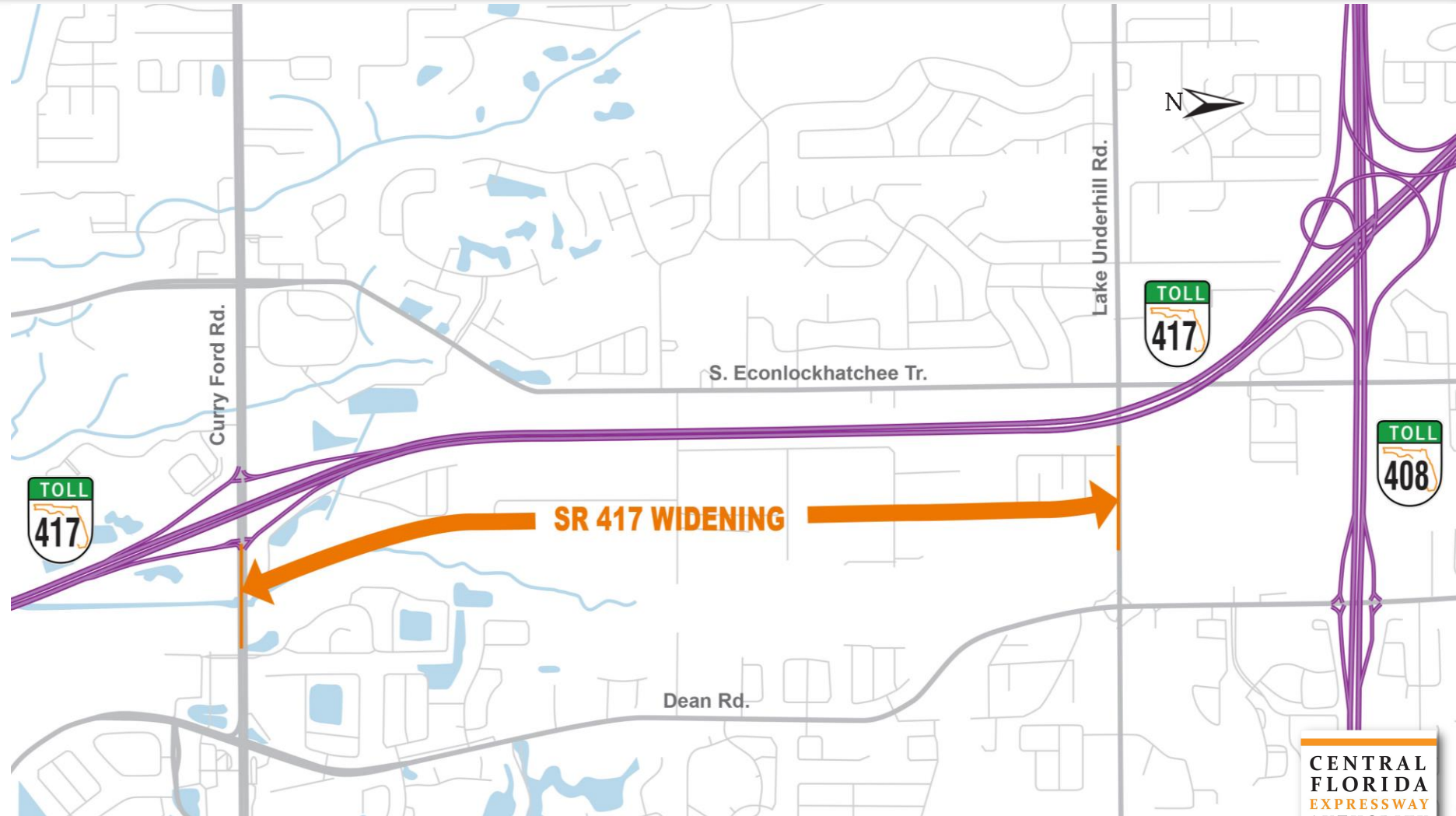
- 6 to 8 Lanes

Advertisement

- 3rd Quarter 2023

Design Fee Estimate

- \$3.2 million



Calendar year quarters (dates subject to change)

Northeast Connector Expressway Phase 2 PD&E – 599-247

Florida's Turnpike to Nova Road

Approximately 20 Mile Study Area

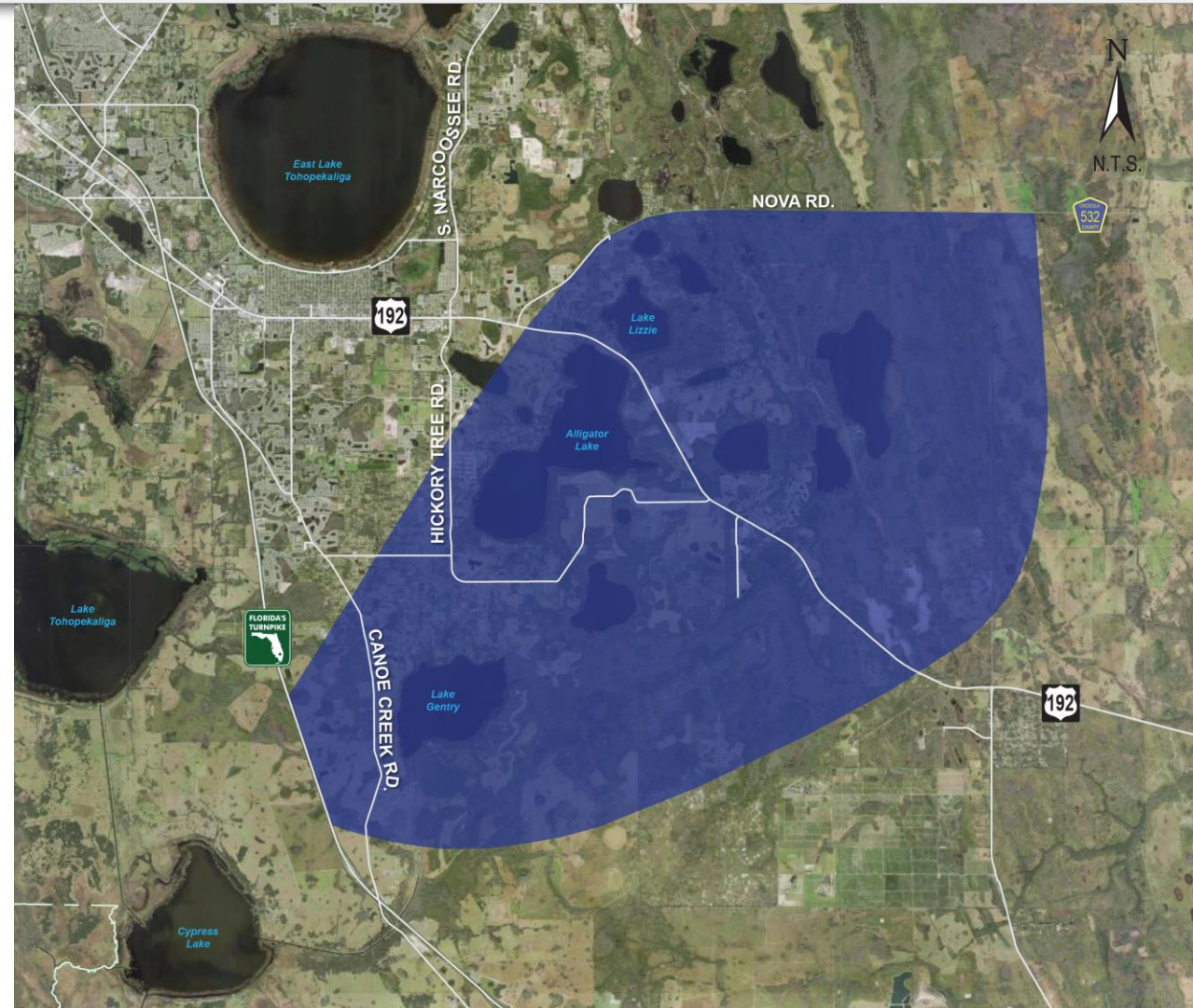
Advertisement

- 2nd Quarter 2023

Study Fee Estimate

- \$3.0 million

Calendar year quarters (dates subject to change)



Questions?



David Falk, P.E.

CFX Engineering Project Manager

407.690.5383

David.Falk@CFXway.com

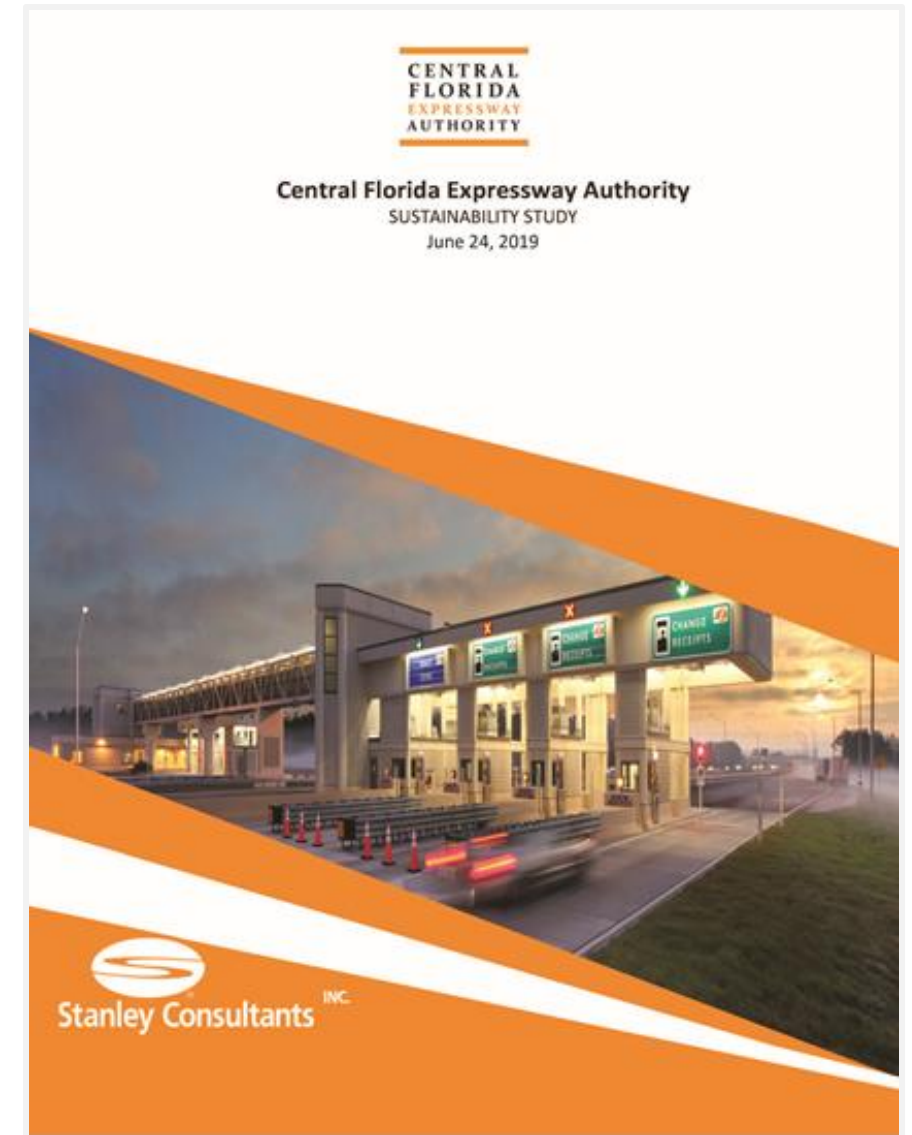


Transportation Technology Overview

Bryan Homayouni, P.E. – Director of Intelligent Transportation Systems

Sustainability Study

- Board Approved April 2019
- Key Elements
 - Deployment of Photovoltaic (PV) Power Solutions
 - Improved Energy Efficiencies at CFX Buildings
 - Readiness for Vehicle Electrification



Sustainability Projects FY 2023-2027 Work Plan

- Six Solar Deployment (PV) Projects
- Includes Solar Deployment Projects at Eight Toll Plaza Facilities
- SR 516 Sustainability Project
- Total capital investment estimated at \$11.4M





Current ITS Assets

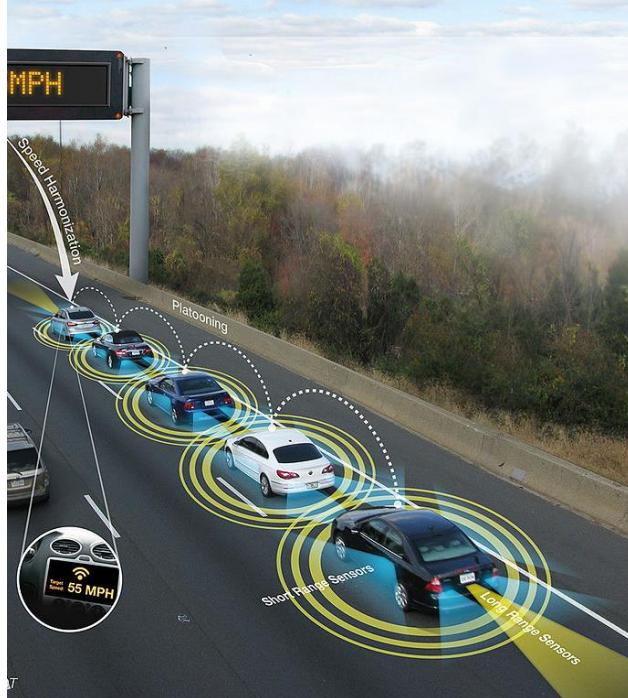
- 284 CCTV Cameras
- 189 Data Collection Sensors (DCS)
- 445 Traffic Monitoring Stations (TMS)
- 50 Three Line Dynamic Message Signs (DMS)
- 52 Toll Plaza Dynamic Message Signs (DMS)
- 27 Arterial Dynamic Message Signs (DMS)
- 2 Toll Booth Dynamic Message Signs (DMS)
- 65 Wrong Way Driving (WWD) Detection Stations
- Over 500 miles of Fiber Optic Cable

ITS Design Details

- **Current 10th Edition**
 - Updated February 2022
 - Includes Part Time Shoulder Use (PTSU)
 - Includes Wrong Way Driving System



<https://www.cfxway.com/wp-content/uploads/2022/02/2022-CFX-ITS-Design-Details.pdf>



Transportation Technology FY 2023-2027 Work Plan

- **Construction**
 - DMS Replacement Project
- **Design & Construction**
 - Wrong Way Driving Deployment Project
 - Wrong Way Driving Upgrades Project
 - Connected Vehicle Projects
 - Miscellaneous ITS Upgrades Project
- **Implementation & Installation**
 - Lifecycle Equipment Replacements
 - Video Wall Upgrades
 - Advanced Expressway Operations Performance Measures
 - Fiber Installation



Questions?



Bryan Homyouni, P.E.

CFX Director of Intelligent Transportation Systems

407.690.5333

Bryan.Homyouni@cfxway.com



Construction Overview

Jack Burch, P.E.- Resident Engineer/Construction Manager



CEI Qualifications

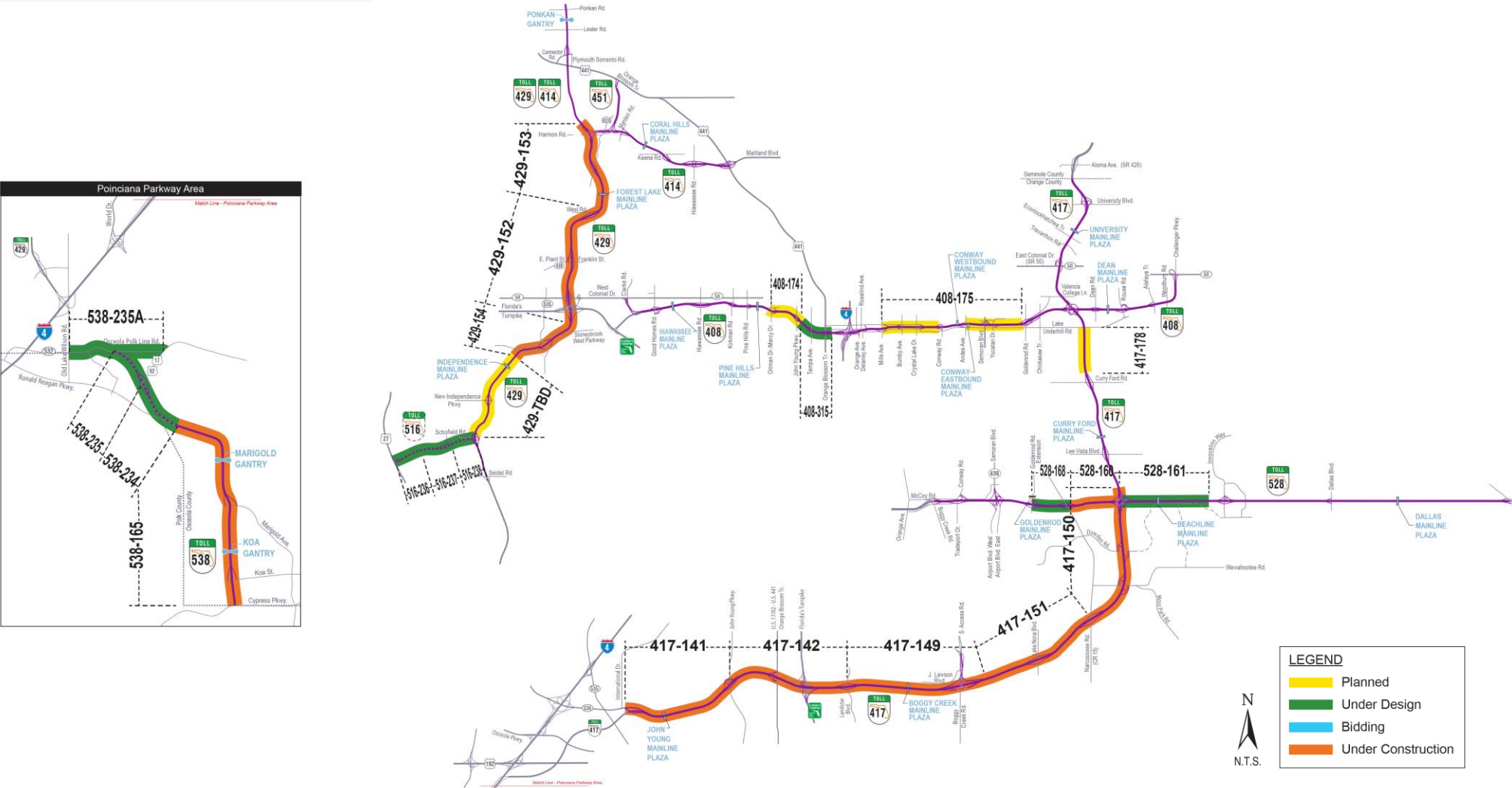
Major Types of Work:

- 10.1 – Roadway Construction
- 10.3 – Construction Materials Inspection
- 10.4 – Minor Bridge and Miscellaneous Structures
- 10.5 – Major Bridge (scope dependent)

Additional Services:

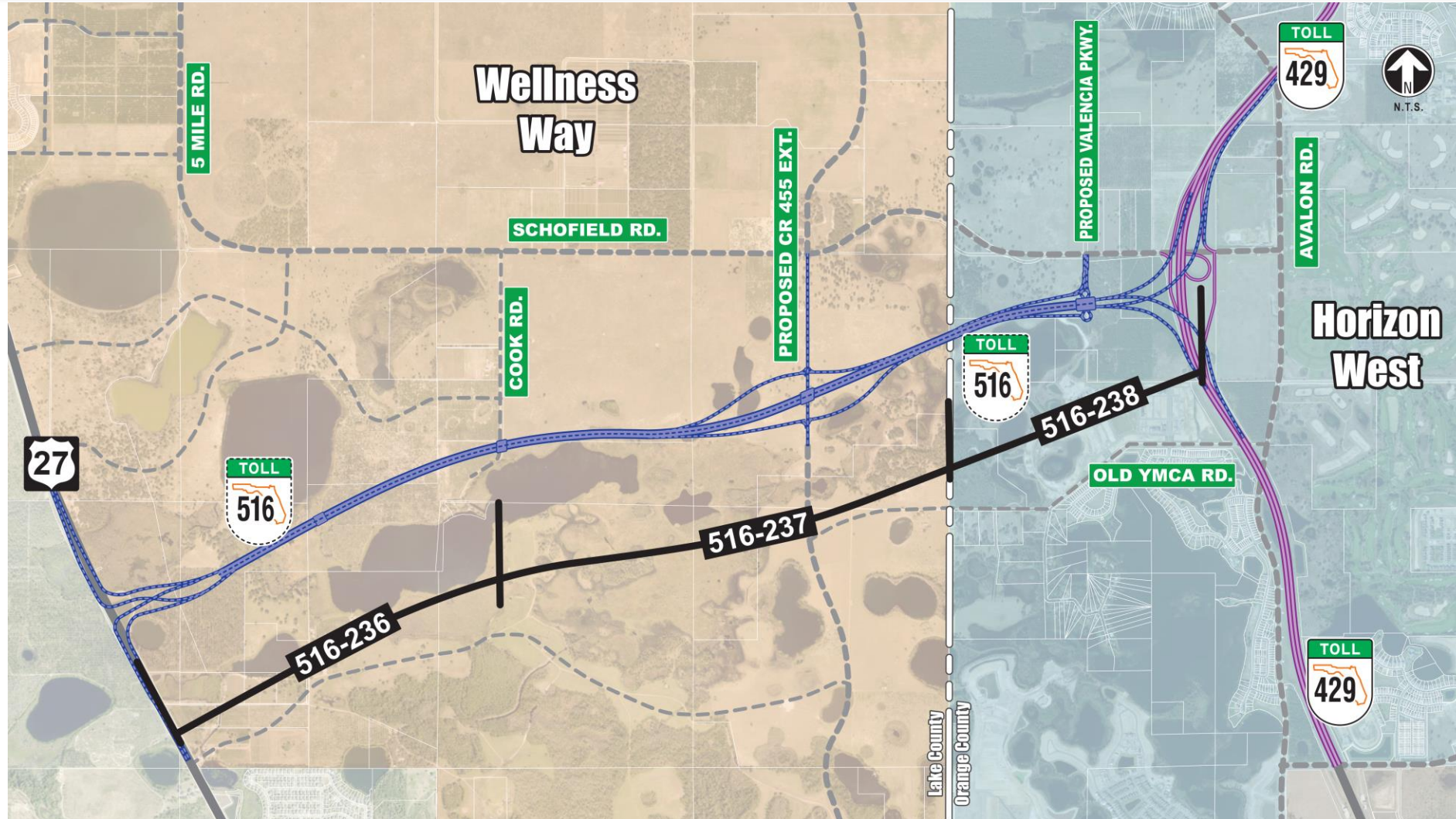
- VT Lab Testing, Asphalt Plant Inspection
- Commercial Inspection
- Dynamic Testing Engineer

Status of Major Projects



SR 516 Lake/Orange Expressway

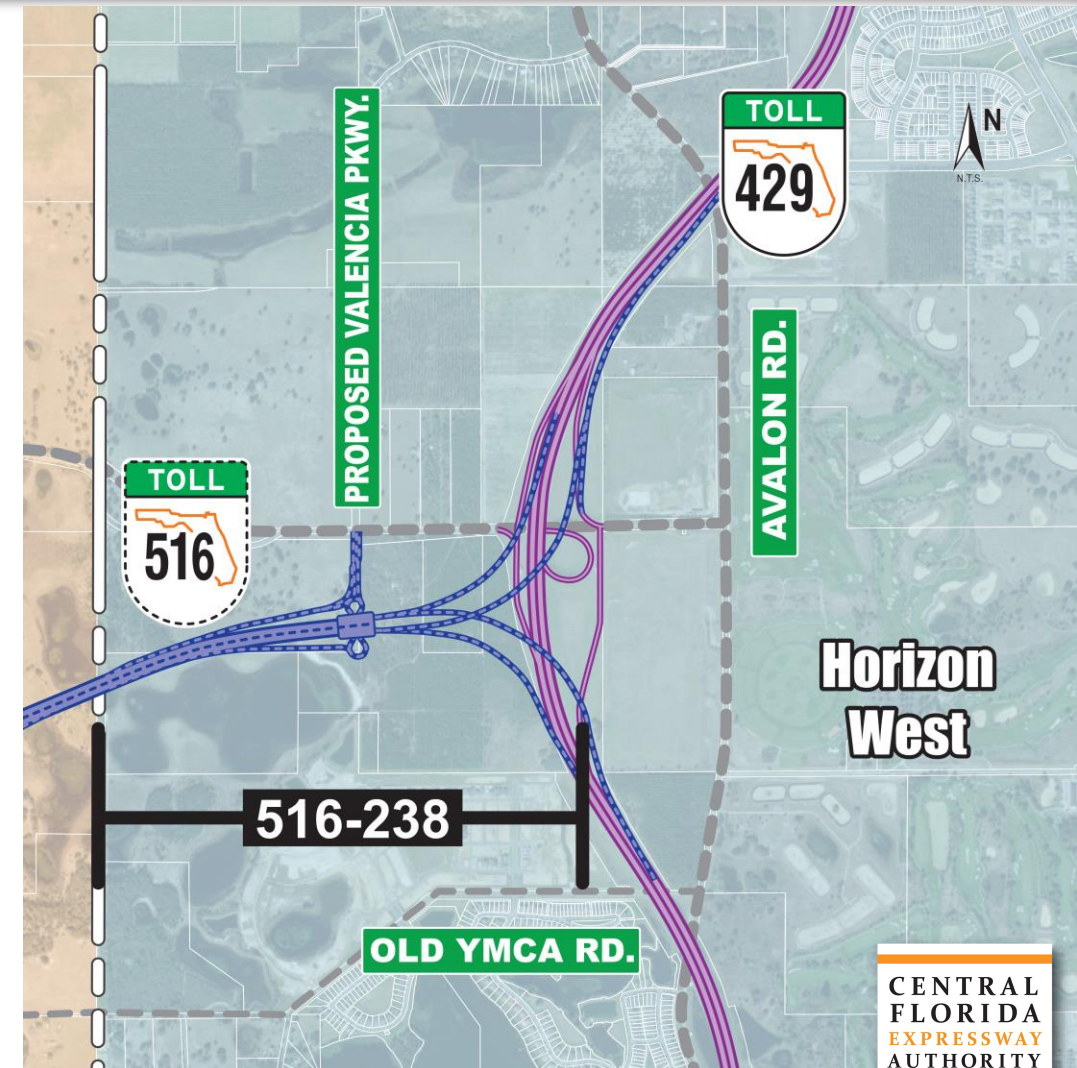
US 27 to SR 429



SR 516 Lake/Orange Expressway

Lake/Orange County Line to SR 429

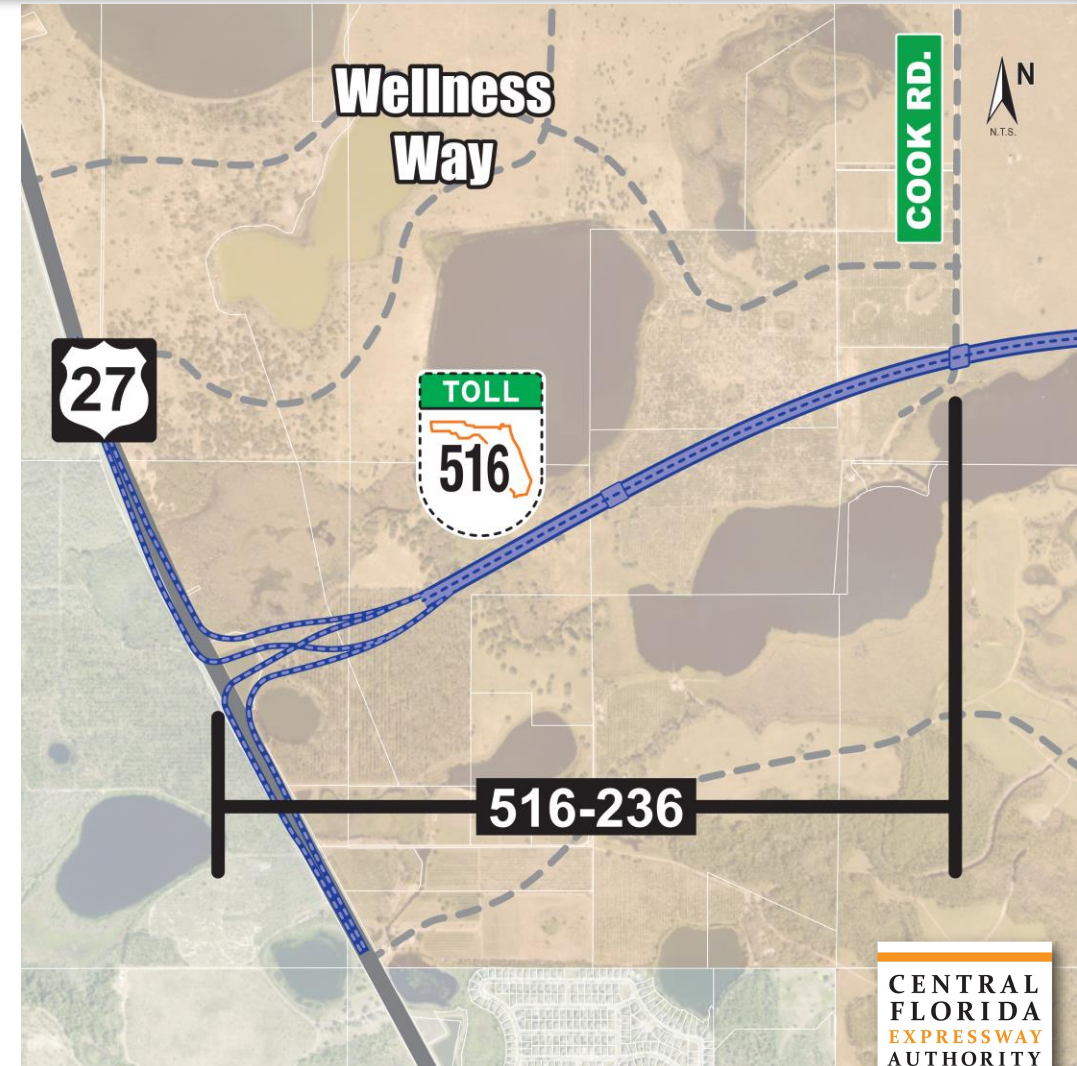
- Project (516-238)
- **CEI Advertisement:**
 - 1st Quarter 2023
- \$178M Construction cost estimate
 - New Expressway (0.6 mi.)
 - Valencia Parkway Interchange (Roundabouts)
 - SR 429 Systems Interchange & Widening
 - 5 New & 4 Widened Bridges
 - 6 New AET Ramp Toll Sites
 - 14' Wide Trail along Valencia Parkway



SR 516 Lake/Orange Expressway

Cook Road to Lake/Orange County Line

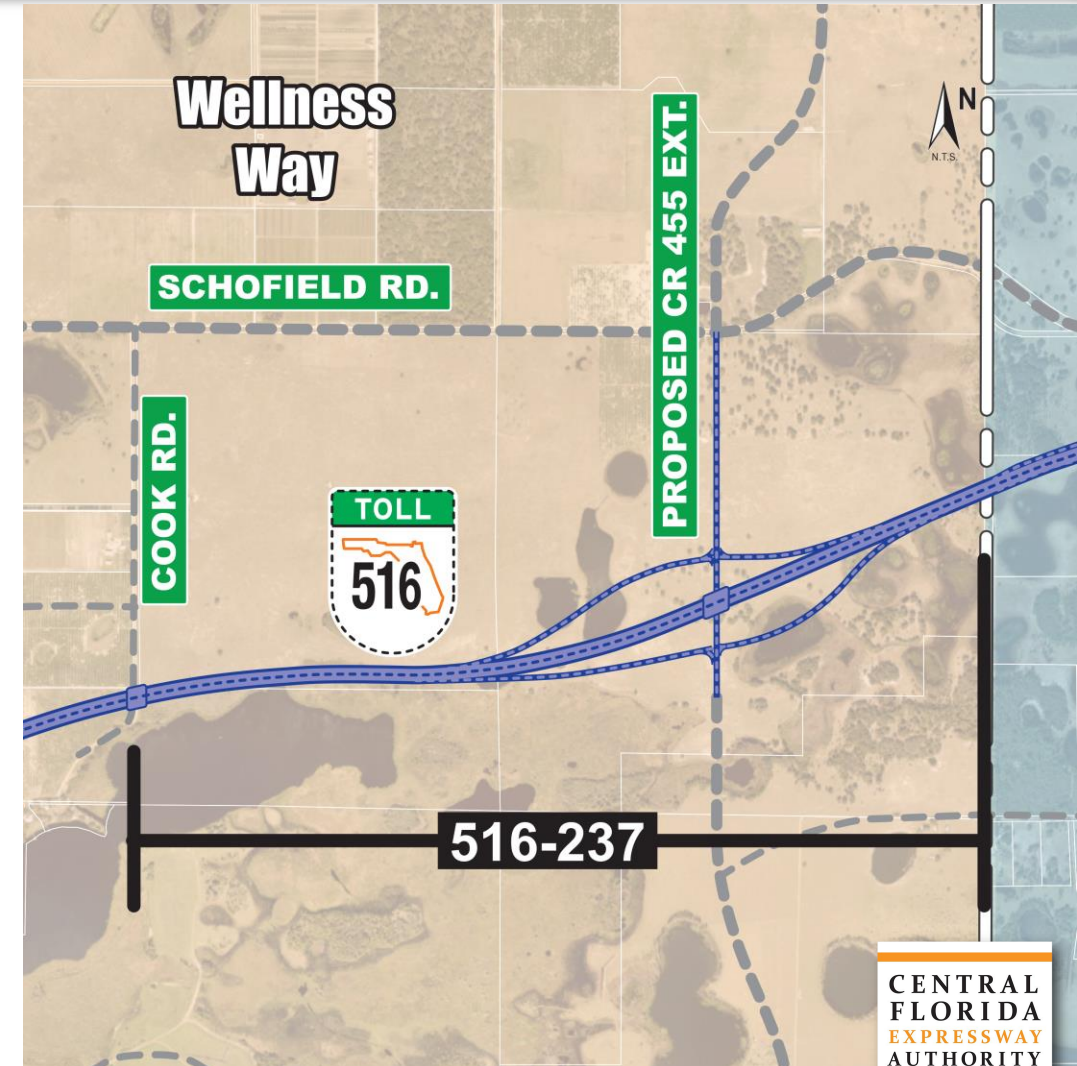
- Project (516-236)
- CEI Advertisement:
 - 2nd Quarter 2023
- \$143M Construction cost estimate
 - New Expressway (1.2 mi.)
 - US 27 Re-Construction (1.4 mi.)
 - Free-Flow Interchange at US 27
 - 8 New Bridges (Including trail along SR 516)
 - 14' Wide Trail along SR 516 & US 27
 - In-Road EV Charging Pilot



SR 516 Lake/Orange Expressway

Lake/Orange County Line to SR 429

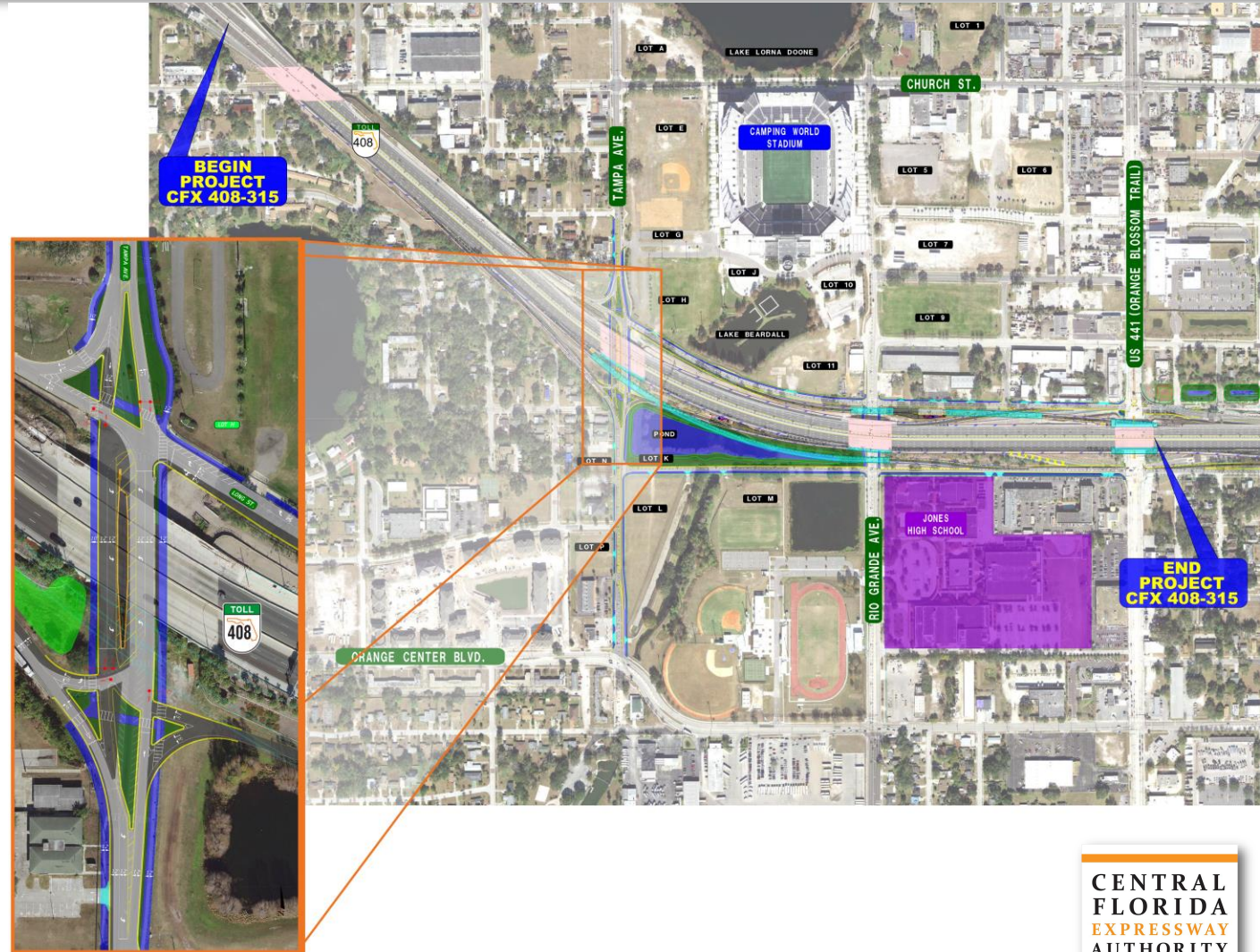
- Project (516-237)
- CEI Advertisement:
 - 2nd Quarter 2023
- \$116M Construction cost estimate
 - New Expressway (1.9 mi.)
 - CR 455 Interchange
 - 4 New Bridges
 - 2 New Ramp Toll Sites
 - 14' Wide Trail along SR 516 & CR 455



SR 408 Tampa Avenue Interchange

Tampa Avenue to OBT

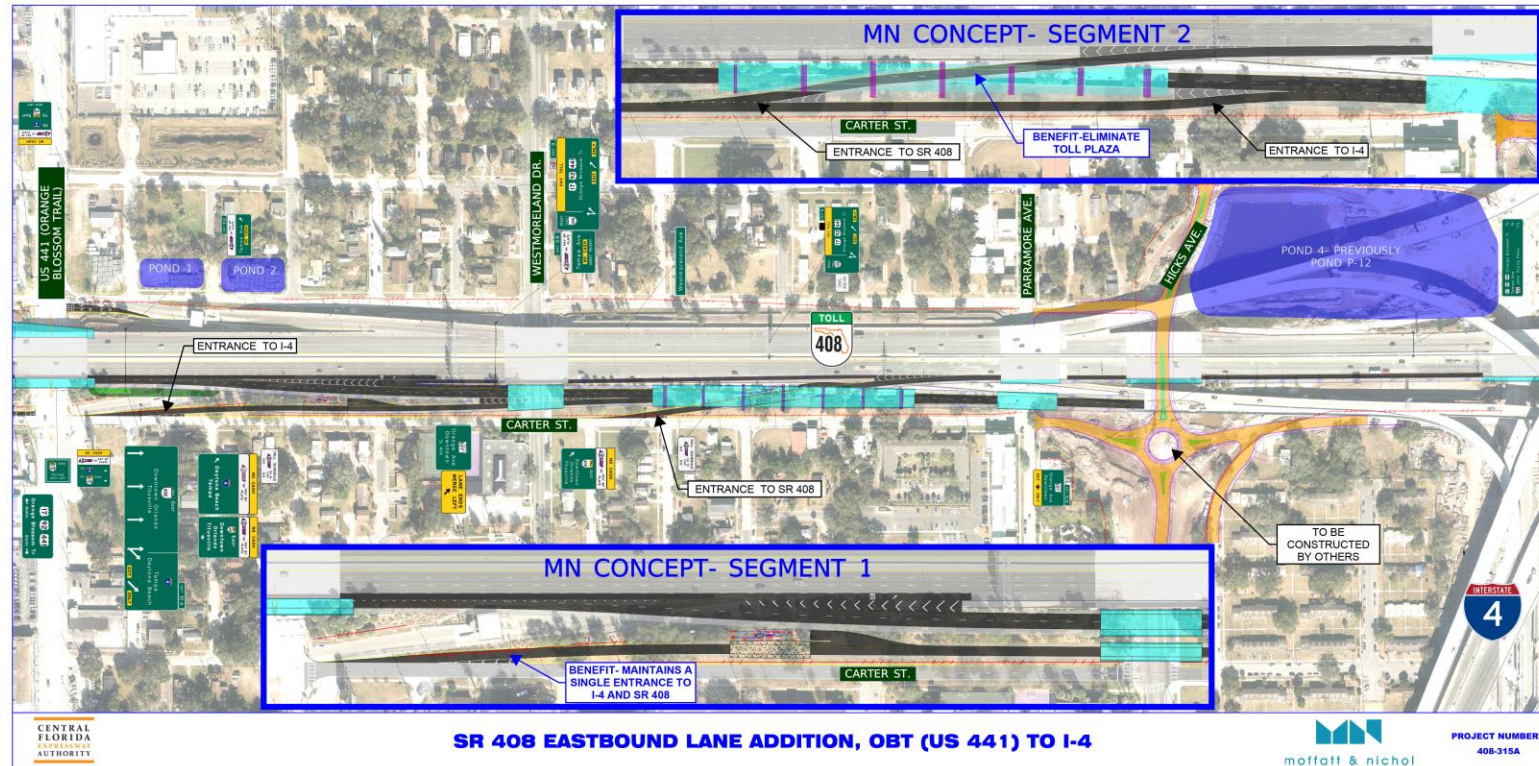
- Project (408-315)
- **CEI Advertisement:**
 - 3rd Quarter 2023
- \$56M Construction cost estimate
 - To be combined with 408-315A to form a single Design Build RFP.
 - Add a 4th lane eastbound from JYP to OBT
 - New and reconstructed ramps
 - 2 AET ramp toll gantries



SR 408 Orange Blossom Trail Interchange

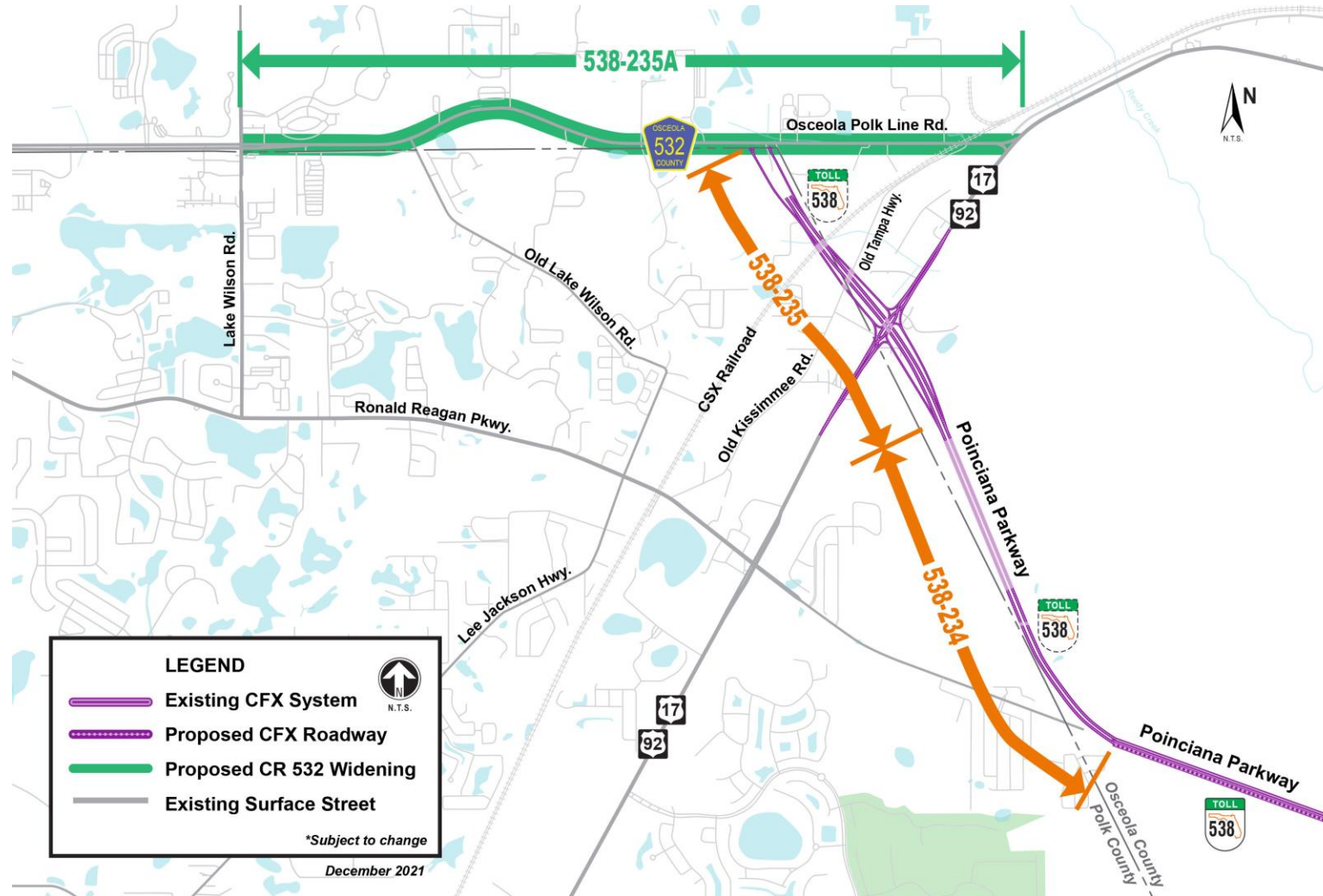
OBT to I-4

- Project (408-315A)
- CEI Advertisement:
 - 3rd Quarter 2023
- \$40M Construction cost estimate
 - Design Build
 - Add a 4th lane eastbound from OBT to I-4
 - New and reconstructed ramps
 - 1 AET ramp toll gantries



SR 538 Extension

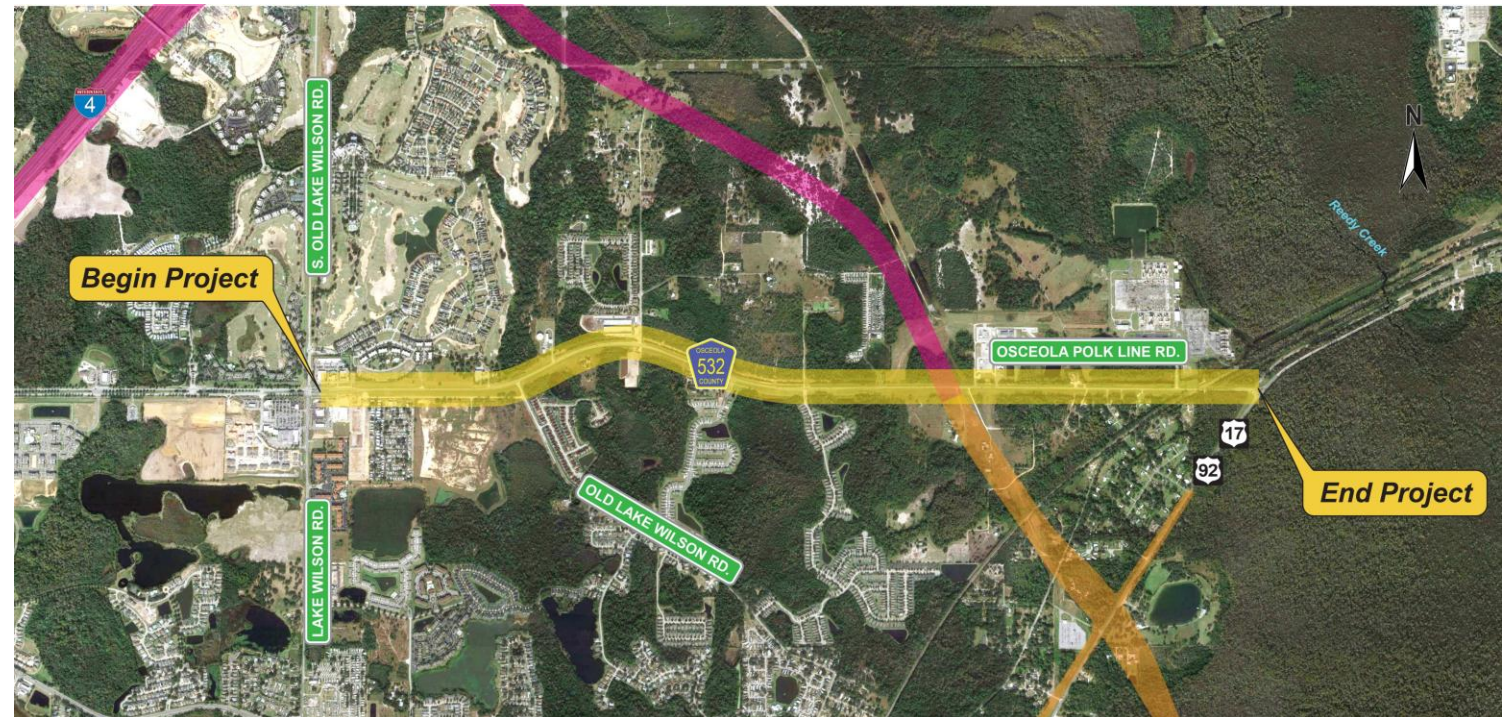
CR 532 to Ronald Reagan Parkway



CR 532 Widening

Lake Wilson Road to US 17/92

- Project (538-235A)
- **CEI Advertisement:**
 - 4th Quarter 2023
- \$40M Construction cost estimate
 - 2 lane to 4 lane divided (2.9 mi.)
 - Partnership with Osceola Co.
 - 10' Trail & 5' Sidewalk
 - CSX Railroad at-grade crossing



SR 538 Extension

CR 532 to South of US 17/92

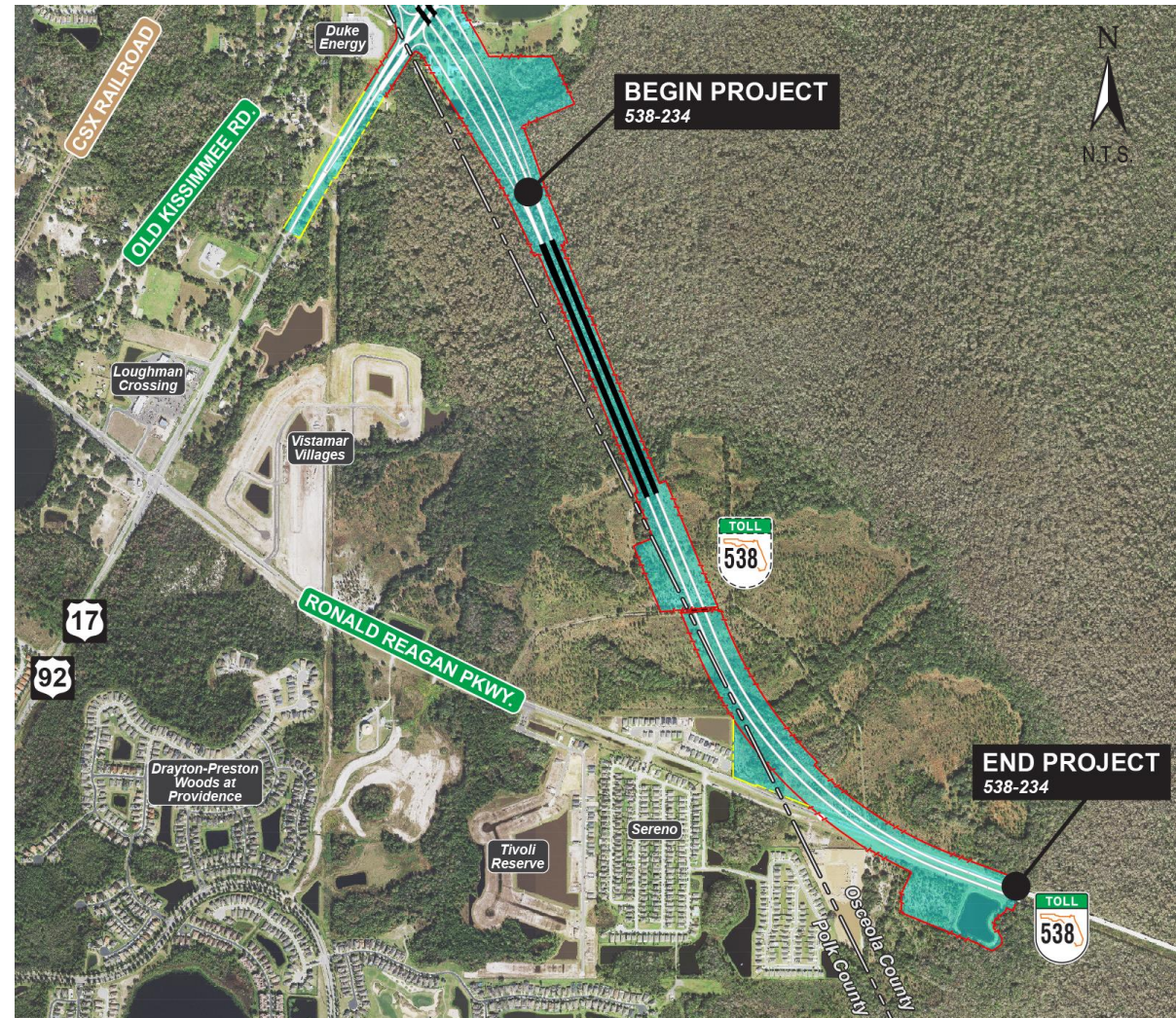
- Project (538-235)
- **CEI Advertisement:**
 - 4th Quarter 2023
- \$101M Construction cost estimate
 - New Expressway
 - 9 Bridges
 - Utility Relocations
 - CSX Railroad
 - FDOT (17/92 Interchange)
 - Toll Gantries



SR 538 Extension

South of US 17/92 to Ronald Reagan Parkway

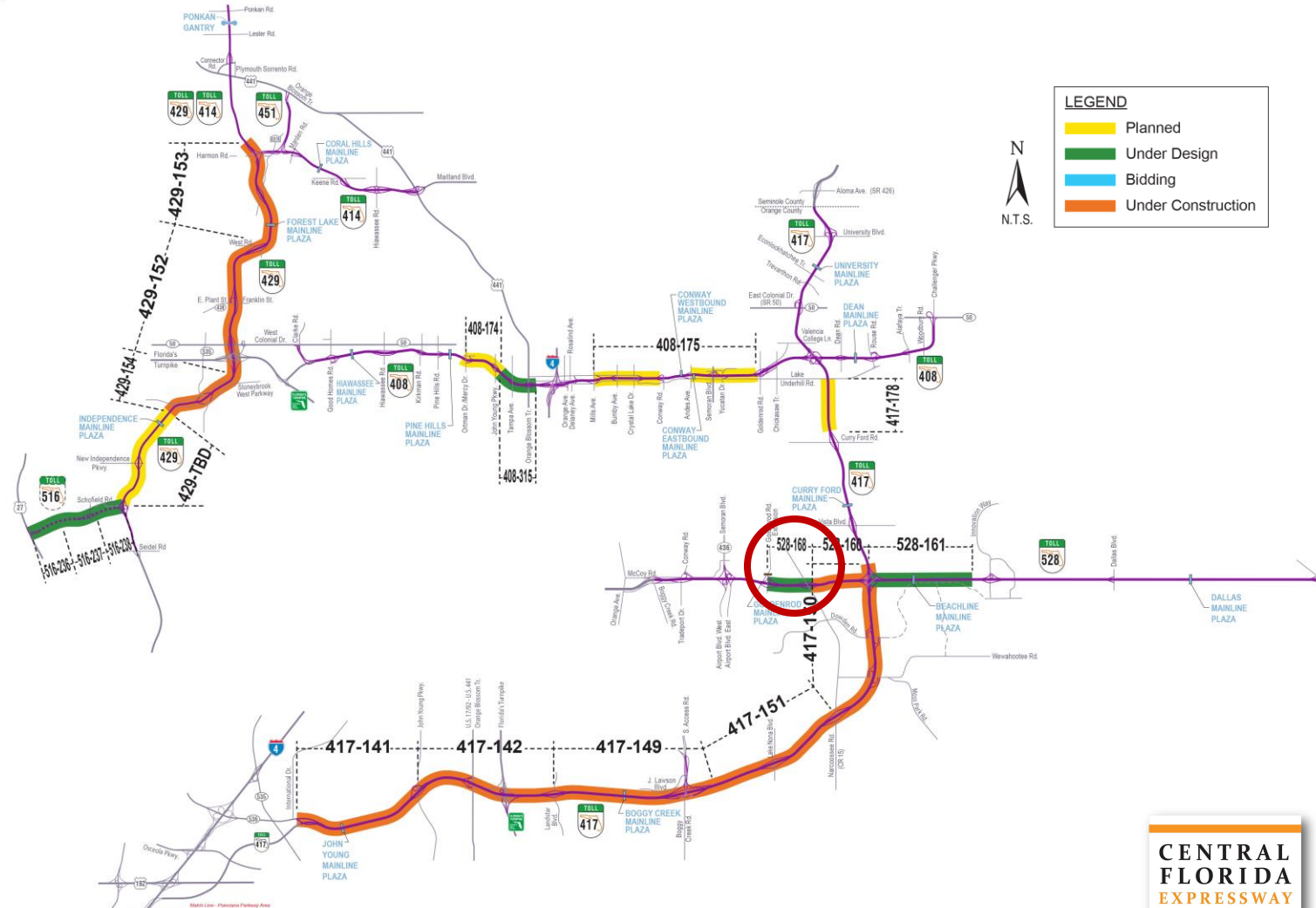
- Project (538-234)
- CEI Advertisement:
 - 1st Quarter 2024
- \$97M Construction cost estimate
 - New Expressway
 - 4 Bridges
 - Reedy Creek Mitigation Bank



SR 528 Widening

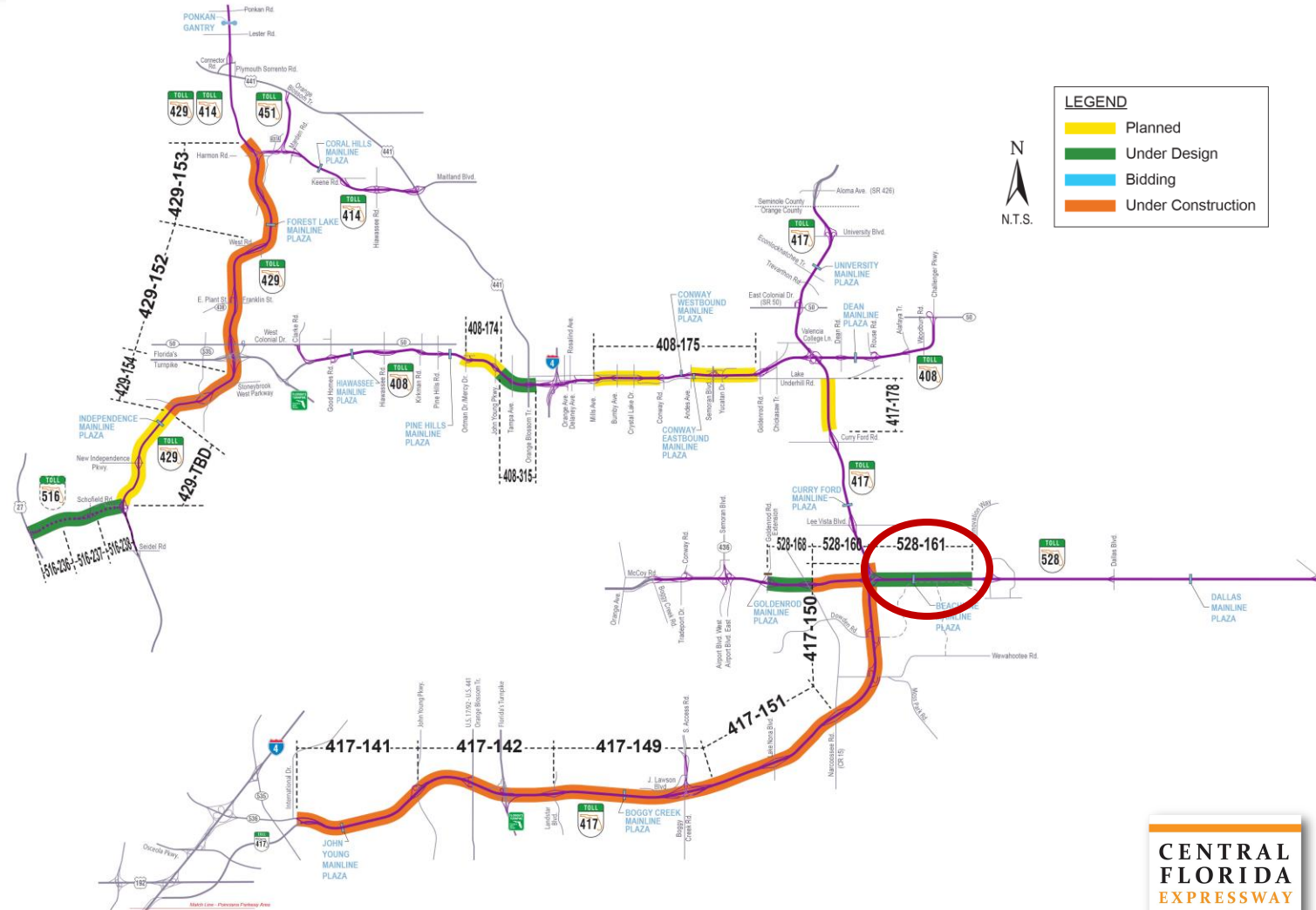
Goldenrod Road to Narcoossee Road

- Project (528-168)
- **CEI Advertisement:**
 - 4th Quarter 2023
- \$31M Construction cost estimate
 - Multiple widened bridges
 - Inside and Outside widening
 - 6 Lanes to 8 Lanes
 - New and reconstructed ramps
 - Portions of mainline reconstructed



SR 528 Widening SR 417 to Innovations Way

- Project (528-161)
- **CEI Advertisement:**
 - 2024
- \$71M Construction cost estimate
 - Inside and Outside widening
 - 4 Lanes to 6 Lanes
 - Partially reconstructed ramps
 - Portions of mainline reconstructed



1 – Year Look Ahead

CEI Advertisements

Project #	Description	Construction Cost Estimate	Anticipated CEI Advertisement*
516-238	SR 516 Lake/Orange County Line to SR 429	\$178 Million	1 st Quarter 2023
516-236	SR 516 US 27 to Cook Road	\$143 Million	2 nd Quarter 2023
516-237	SR 516 Cook Road to Lake/Orange County Line	\$116 Million	2 nd Quarter 2023
408-315 & 408-315A	SR 408 Tampa Avenue Interchange & SR 408 Orange Blossom Trail Interchange (Design Build)	\$96 Million	3 rd Quarter 2023
538-235A	CR 532 Widening Lake Wilson Road to US 17/92	\$40 Million	4 th Quarter 2023
538-235	SR 538 Extension South of CR 532 to South of US 17/92	\$101 Million	4 th Quarter 2023
538-234	SR 538 Extension South of US 17/92 to Ronald Reagan Parkway	\$97 Million	1 st Quarter 2024
528-168	SR 528 Widening Goldenrod Road to Narcoossee Road	\$31 Million	4 th Quarter 2023
528-161	SR 528 Widening from SR 417 to Innovation Way	\$71 Million	2024

1 – Year Look Ahead

CMC/CEI Advertisements

Description	Anticipated Advertisement*
Construction Management Consultant	January 23, 2023
Systemwide CEI Services	2 nd Quarter 2023

1 – Year Look Ahead

Construction Advertisements

Project #	Description	Construction Cost Estimate
599-171	Systemwide Median Protection Improvements	Advertised
599-646	Systemwide Guide Sign & Lighting Replacement	\$5.8 Million
599-416C	CFX East District Facility Renovation	\$2.6 Million
516-238	SR 516 Lake/Orange County Line to SR 429	\$178 Million
516-236	SR 516 US 27 to Cook Road	\$143 Million
516-237	SR 516 Cook Road to Lake/Orange County Line	\$116 Million
599-526D	Wrong-Way Driving Countermeasures	\$4.3 Million
408-315 & 408-315A	SR 408 Tampa Avenue Interchange & SR 408 Orange Blossom Trail Interchange (Design Build)	\$96 Million
429-745	SR 429/414 Resurfacing	\$14 Million

Questions?



Jack Burch, PE

CFX Resident Engineer/ Construction Manager

407.690.5339

Jack.Burch@cfxway.com



CFX Innovations

Brian Hutchings, Manager of Communications

Dana Chester, P.E., Director of Engineering

Moving So Much More Than Cars

CFX's MISSION:

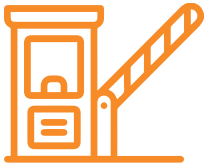
To build, operate and maintain a mobility network through accountability, fiscally sound practices and a community focus.

CFX's VISION:

To provide the region with a world-class, integrated mobility network that drives economic prosperity and quality of life.



Customer First Approach



FREE E-PASS Transponders



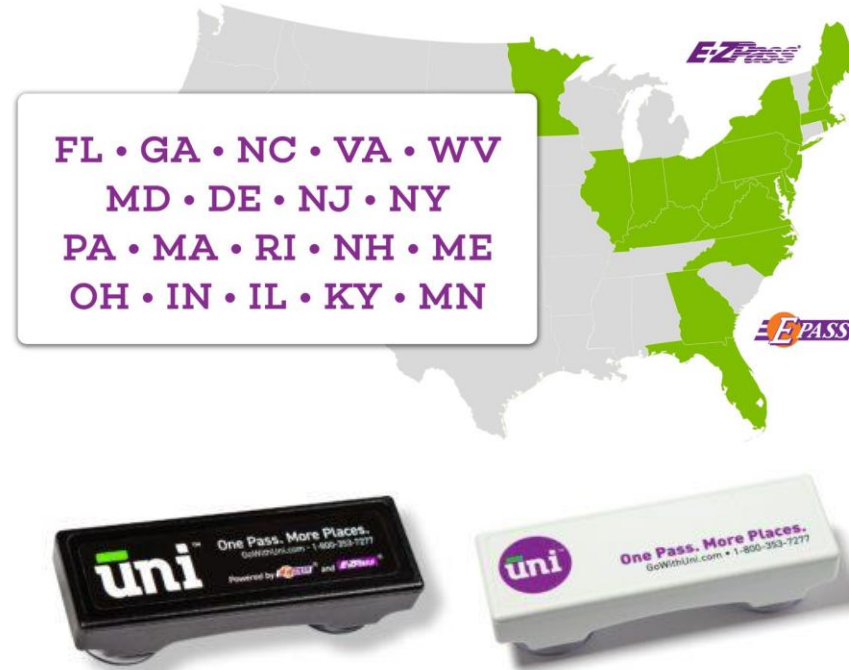
No Account Fees

No Processing Fees

No Administration Fees



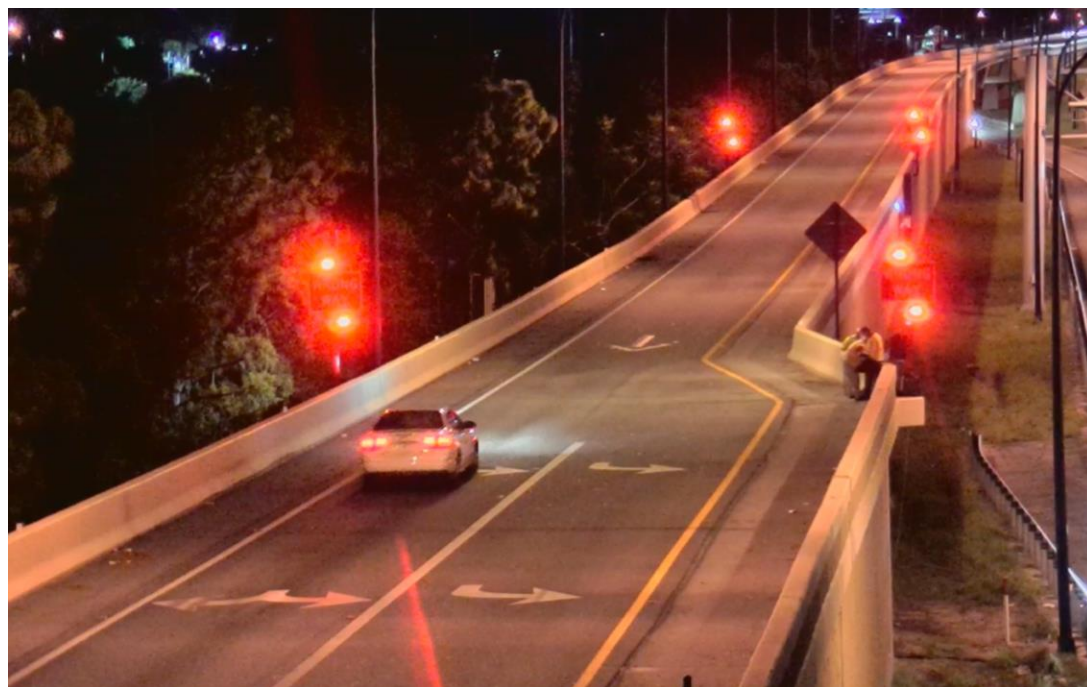
Rethinking the Customer Experience



available at **amazon**



Creating Award-Winning Safety Technology



Harnessing Engineering & Technology to Pioneer Construction Solutions



Harnessing Engineering & Technology to Pioneer Construction Solutions



Harnessing Engineering & Technology to Pioneer Construction Solutions

Power Where the Rubber Meets the Road

Powered Infrastructure & Roadway Electrification



Wireless & Wired, In-motion
& Parked Charging

Co-optimized Power Grid
& Roadway Networks

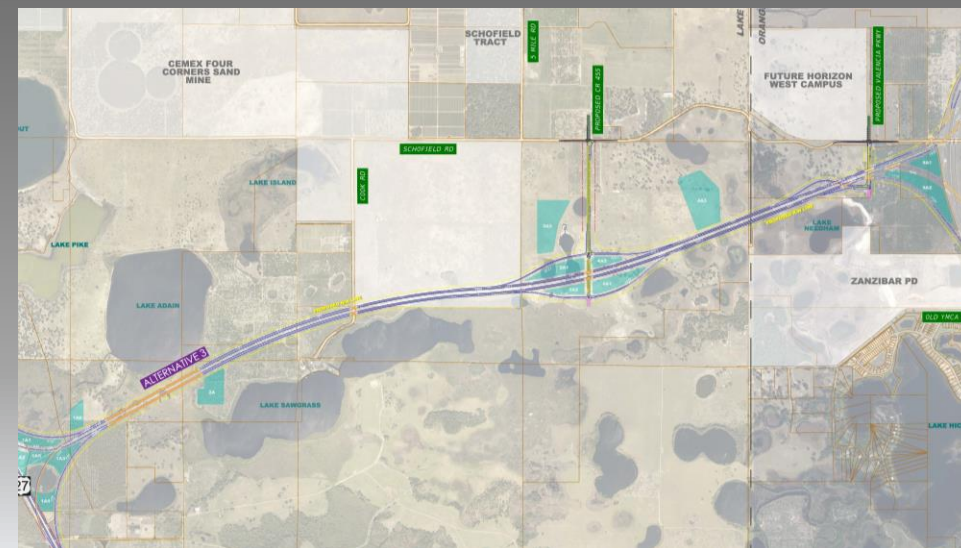
Retrofit or Standard
Receiving Modules on
Battery Electric or Hybrid Car



Advancing Sustainability through Powered Infrastructure for Roadway Electrification

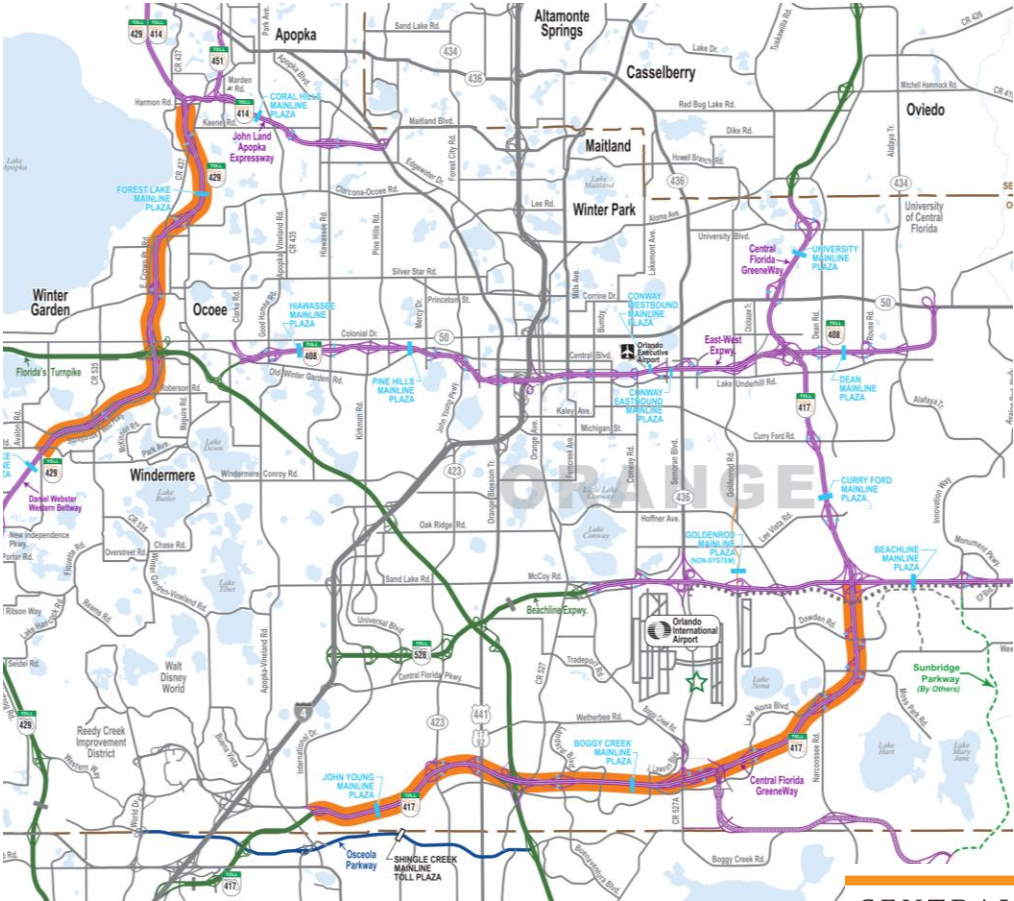
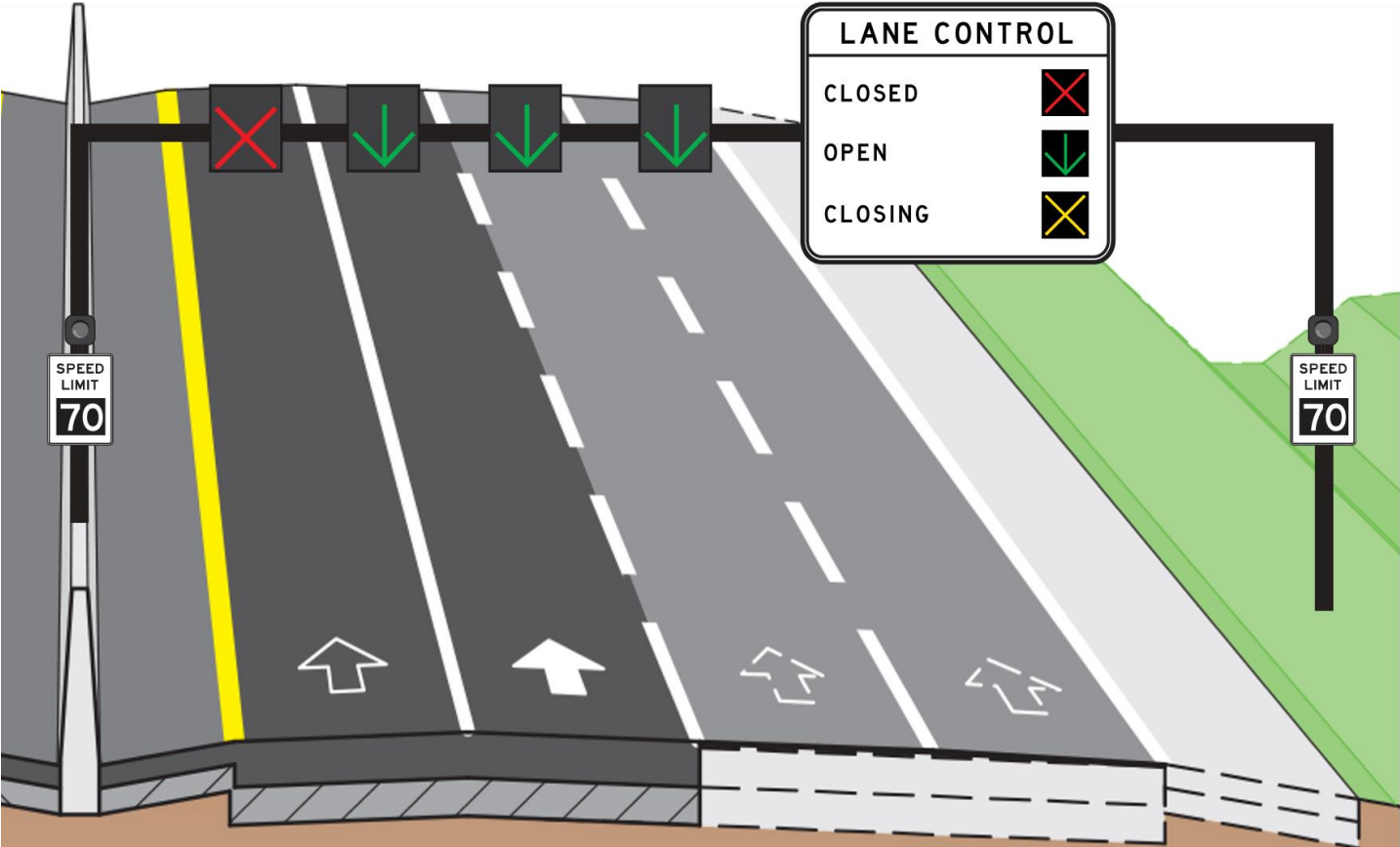


Lake-Orange County Connector



Part Time Shoulder Use

Widenings SR 417 and SR 429



Questions?



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**CENTRAL
FLORIDA**
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AUTHORITY

Thank You